







DISTRICT DISASTER MANAGEMENT PLAN-2025-26









SAMBALPUR DISTRICT



PREFACE

"Disaster is a serious disruption of the functioning of society which poses a significant, widespread threat to human life, health, property or the environment, whether arising from accident, nature or human activity, whether developing suddenly or as the result of long term processes, but excluding armed conflict."

The District Disaster Management Plan is a key part of an emergency management. It will play a significant role to address the unexpected disasters that occur in the District. The information available in DDMP is valuable in terms of its use during disaster. Based on the history of various disasters that occur in the District, the plan has been so designed as an action plan rather than a resource book. Efforts has been made to collect and develop this plan to make it more applicable and effective to handle any type of disaster.

The District Disaster Preparedness and Response Plan, includes the facts and figures that have been collected from various formal and informal sources with a view to meet the challenges during any Natural Disaster. Collection and classification of data are to be updated twice in May and November every year.

MESSAGE



I convey my immense pleasure to present the people of Sambalpur, “the District Disaster Management Plan 2025-26”. The plan is brief and exhaustive, covering all the aspects under the purview of disaster management. It’s providing necessary information on disaster mitigation, preparedness, response & Re-construction measures helpful for a disaster manager.

A dedicated effort has been made by the District Disaster Management Authority, Sambalpur to prepare a comprehensive plan under the stewardship of DPO, OSDMA. We have prepared a complete list of possible disaster in the District, collected the history of disasters, standard operating procedures (SOPs) for each disasters, contact No. of all nodal Officers, List of Shelters & Medical Facilities & a hazard specific crisis management plan with vulnerability analysis of the District.

I sincerely wish that this plan will assist the District a great deal & subsequently reduce the loss of life & property due to the disaster and to achieve the mission of “zero casualty” through successful disaster management.

Collector, Sambalpur

Message

I congratulate the District Disaster Management Authority of Sambalpur District for preparing a Comprehensive plan integrating prevention, mitigation, preparedness & response measures for successful disaster management. I am confident that the implementation of this plan will make this District, Disaster resilient.

The plan aim's is to improve the disaster resiliency of the District by integrating disaster risk reduction in to development and by increasing the preparedness to respond to all kinds of disasters successfully. The implementation of the plan requires sincere Co-operation of the line department, as well as the active participation of the Civil Society, Community based Organisations, Communities & the private sector.

I wish all success to the team behind the preparation of DDMP-2025.

District Emergency Officer
Sambalpur.

Abstract of District Disaster Management Plan-2025-26

Chapter. 1: Introduction

- Aims and Objectives of the DDMP

- Authority for DDMP: Approval & implementation

- Evolution of DDMP in brief: (Evolution, Procedure and Methodology to be followed for preparation of DDMP)

- Stakeholders and their responsibilities

- Plan for review and updating: Periodicity]

Chapter 2 : District Profile

History & Location, Administrative Setup, Climate & Rain fall, Geography, Topography, River System, Demography, Socio- Economic Profile, Critical infrastructure like Anganwadi centres, Schools and other Educational Institutions, Hospitals and Health Centres, Veterinary Hospitals, Police and Fire Stations, Cooperative Societies, Banks and Post offices, Road and Railway network, Cyclone and Flood Shelters, Rain gauge and Automatic Weather Stations.

Chapter3: Hazard, Risk and Vulnerability Analysis

- A brief description of disasters that the District has faced during last 10 years and hazard vulnerability of the District has been mentioned.
- Vulnerability and Risk Assessment related to disasters has been mentioned (Drought Flood vulnerable area of the District)
- Detailed list of vulnerable Villages/Wards.

Chapter 4: Institutional Arrangement

- National Disaster Management Authority (NDMA)
- State Disaster Management Authority
- Organogram of District Disaster Management Authority
- Structure of District Disaster Management Authority
- District Level Committee on Natural Calamity (DLCNC)
- National Disaster Response Force (NDRF)
- Odisha Disaster Rapid Action Force (ODRAF)
- National Legal Service Authority (NALSA)/ State Legal Service Authority (SALSA)/ District Legal Service Authority(DLSA)

Chapter 5: Prevention and Mitigation

Ways & Means to prevent or reduce the impact of various disasters, Structural Measures & Non Structural Measures

Chapter 6: Climate Change Adaption & Mitigation:

Chapter 7: Inclusive Disaster Risk Reduction

Chapter 8: Safety of school and child care institutions

Implementation of school policy guidelines 2016, Guideline on school safety policy 2016, NDMA, Category of type of schools, School safety advisory committee. Details of school safety in the District, Disaster management Education, Details of child care institutions

Chapter 9: Forest Fire Management

Chapter 10: Chemical (Industrial), Nuclear and Radiological Disaster

Cahpter 11: Biologcal Disaster and Public Health in Emergencies

Chapter 12: Capacity Building Measures

Capacity Building of Govt. Officials, PRI Members etc

Periodic mock drills to be organized involving District and block level officials/ institutions to assess the capacity and preparedness to face certain disasters, Disaster management Education for (School Safety and School Disaster Preparedness. Community Capacity Building and Community Based Disaster Management. Capacity building of Cyclone and Flood Shelter Maintenance & Management Committee and Task Force members.

Chapter 13: Preparedness

Relief Lines : District to Blocks , Relief Line Channels : *Block to GPs & Villages,*
Resources available : Response force & Volunteers , Preparedness at District level, Preparedness at Community Level, Preparedness at Family Level, Preparedness at Individual Level, Preparedness of Departments.

Chapter 14: Response

Response refers to activities done for handling disaster to bring the situation to normalcy not exceeding fifteen days from the abatement of disaster.

Phases of Response : Timeline, Relief Management: Timeline, Response at District level, Block level, G.P level, Community level and Individual level.

Chapter 15: Restoration and Rehabilitation

Rehabilitation and restoration comes under recovery phase immediately after relief and rescue operation of the disaster. Like Damage Loss Assessment, Calculation of assistance for agricultural input subsidy, Assistance sought for repair /restoration of damaged house, Assistance for provision for temporary accommodation, food, clothing and medical care etc.

Chapter 16 Recovery

Preparation of Recovery plan for displaced population, vulnerable groups, environment, livelihoods. Allocate funds for the stabilisation of the repaired & reconstructed infrastructure.

Chapter 17 Financial Arrangements

National Disaster Response Fund (NDRF), State Disaster Response Fund (SDRF),Chief Minister Relief Fund (CMRF), Different State and Central Government Schemes and Programms.

Chapter 18: Lessons learnt and Documentation

Preparation and Implementation of District Disaster Management Plan

- Procedure for preparation of DDMP as per the DM Act 2005 & Sandai Framework for
- Disaster Risk Reduction. (DRR)

  - Roles of ADM, DEO and Nodal Officers support from other line Departments
  - Support of line departments (for providing information)
  - Time lines for updating DDMP. (By month of May & November of every year)

Abbreviations

AAY	India Awas Yojna
ANM	Auxiliary Nurse Midwife
ASHA	Accredited Social Health Activist
AWCs	Anwanwadi centre
BEOC	Block Emergency Operation Centers
BNRGSK	Bharat Nirmak Rajiv Gandhi Seva Kendra
BSF	Boarder Security Forces
CDVO	Chief District Veterinary Officer
CHCs	Community Health Centre
CIFS	Central Industrial Security Forces
CPMF	Central Paramilitary Forces
CWC	Central Warehouse Corporation
DDA	Deputy Director Agriculture
DDMA	District Disaster Management Authority
DDMP	District Disaster Management Plan
DDMT	District Disaster Management Teams
DEOC	District Emergency Operation Centre
DIP	District Irrigation Plan
DLCNC	District Level Committee on Natural Calamity
DM Act	Disaster Management Act 2005

DRR-CCA	Disaster Risk Reduction and Climate Change Adaptation
FIR	First Information Report
GPDP	Gram Panchayat Development Plan
HH	Households
IEC	Information Education and Communication
IMR	Infant Mortality Rate
IPPE	Intensive participatory Planning Exercises
MGNREGS	Mahatma Gandhi National Rural Employment Guarantee Scheme
MHUs	Mobile Health Unit
MMR	Maternal Mortality Rate
NABARD	National Bank for Agriculture and Rural Development
NDMA	National Disaster Management Authority
NDRF	National Disaster Response Force
NDRFs	National Disaster Response Funds
NEC	National Executive Committee
NFSA	National Food Security Act
NGOs	Non-Government Organisation
NH	National Highways
NRLM	National Rural Livelihood Mission
ODF	Open Defecation Free
ODRAF	Odisha Disaster Rapid Action Force
OSDMA	Odisha State Disaster Management Authority
OSWC	Odisha State Warehouse Corporation

PACS	Primary Agriculture Cooperative Society
PHCs	Public Health Centre
PWD	Person with Disability
RAT	Railway Affected Tank
RAW	Railway Affected Work
RMC	Regulated Market Committee
SDG	Sustainable Development Goal
SDHs	Sub-Divisional Hospital
SDMA	State Disaster Management Authorities
SDRF	State Disaster Response Funds
SDVO	Sub-Divisional Veterinary Officer
SEC	State Executive Committee
VDMC	Village Disaster Management Committee
SLCNC	State Level Committee on Natural Calamity
SOP	Standard Operating Procedure

Chapter-1: Introduction

Sambalpur District is one among the 30 Districts of Odisha. It has witnessed the devastating effects of Drought, Heat wave, Floods, Fire accidents and lightings. This District is one among the hottest place in the country with the mercury reaching 45^0C. Besides, numbers of death cases have been recorded in an increasing trend in the District due to lighting and Drowning, experience showed that the best approach for mitigating disasters or minimizing their impact is to take timely action, which is possible only if the Communities and concerned agencies and organizations in both public and private sectors became agree to undertake risk reduction measures in a sustainable way.

1.1 Overview to Disaster Management Plan

Section 31 of Disaster Management Act 2005 (DM Act) makes it mandatory on the part of District Disaster Management Authority (DDMA) to adopt a continuous and integrated process of planning, organizing, coordinating and implementing measures which are necessary and expedient for prevention as well as mitigation of disasters. DDMP shall include Hazard Vulnerability Capacity and Risk Assessment (HVCRA), prevention, mitigation, preparedness measures, response plan and procedures.

1.2 Aims and Objectives of the DDMP:

A. Aims of DDMP

This was an attempt towards evolving a systematic, comprehensive and holistic approach to all disasters, natural as well as man-made. It was felt that prevention is more cost-effective than post-disaster relief and rehabilitation.

The four pillars of this plan namely:

a. Culture of preparedness
b. Culture of Quick response
c. Culture of Strategic Thinking and
d. Culture of prevention

B. Objectives of DDMP

- Sustainable reduction of impact of natural and man-made disasters through preparedness at District, Block, Gram Panchayat and Village level.

- To provide effective support and resources to all the concerned individuals, groups and departments in disaster.
- To assist the line departments, block administration, communities in developing compatible skills for disaster preparedness and management
- To identify the areas vulnerable to major types of the hazards in the District.
- To adopt proactive measures at District level by all the govt. departments to prevent disaster and mitigate its effects.

Authority for DDMP: Approval & implementation

As per Notification No. IVF (OSDMA)-24/20-10- 46209 did. 12th November, 2010 of Commissioner-cum-Secretary to Government, Revenue & Disaster Management, Government of Odisha, communicated by Joint Secretary to Government, R & D.M. Department, Odisha, Bhubaneswar, the District Disaster Management Authority of the District of Sambalpur has been constituted as per following.

Sl. No.	Designation	Position at DDMA
1	Collector & District Magistrate	Chairperson, ex-officio
2	Chairman, Zilla Parishad	Co-Chairperson, ex-officio
3	Superintendent of Police	Member, ex-officio
4	Chief District Medical Officer	Member, ex-officio
5	The Executive Engineer in-charge of Embankments	Member, ex-officio
6	ADM, in-charge of emergency	Chief Executive Officer, Ex-officio
7	Executive Engineer, Rural evelopmen Department	Member
8	Project Director, DRDA	Member
9	Dy. Director, Agriculture	Member

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All the members has been communicated on the above notification along with Powers and functions of the Chief Executive Officer of the District Authority communicated by Joint Secretary to Government, R & D.M. Department, Odisha vide Memo No 27167/R&DM dtd.12.7.2010.

1.3 Preparation and Approval of DDMP

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

The district Collector will discuss the modalities and seek views for preparation of a holistic plan in the meeting of the DDMA held in the month of March and to prepare the plan by the end of May every year.

After finalisation the District Authority shall send a copy of the District DM plan to the State Disaster Management Authority for approval. The District Disaster Management Plan should be reviewed and updated twice in a year

1.4 Evolution of DDMP in brief: (Evolution, Methodology followed for preparation of DDMP)

1.4.1 Evolution of DDMP

The disastrous effects of natural hazards cannot be eliminated completely but the miseries can be minimised to a reasonable extent by adoption of appropriate management practices. The present disaster management strategies basically focus on the **relief, rehabilitation, reconstruction and restoration** aspects i.e. **crisis management**.

Hence, there is an urgent need to adopt a Community Based Disaster Management strategy, where maximum emphasis should be given on **early warning, preparedness, and mitigation** i.e. **risk management** to develop a well informed, better organised and more prepared community resilient to all type of disasters.

1.4.2 Methodology

	What is to be done	Who are to be involved	Methodology
	Review and Analysis	Collector, ADM, Emergency Officer, BDOs, Tahasildars Village community, NGOs/CBOs, Community/Village level workers	▪ Past history of disasters to be discussed and documented ▪ Extent of severity and damage to be recorded ▪ The nature of the Warning issued to be analyzed ▪ The nature and extent of the rescue and restoration done, to be revisited
	Situation Analysis	BDOs, Tahasildars Village community, NGOs/CBOs, Community/Village level workers	▪ Mapping the geography and topography of the risk prone areas, block-wise, GP-wise and village-wise ▪ Demographic details to be recorded ▪ Mapping of the habitation in the concerned areas ▪ The natural resources to be marked on the maps ▪ Listing all the livelihoods and properties ▪ The existing risk prone/ safe infrastructure to be marked on the map
	Hazard Analysis	BDOs, Tahasildars Village community, NGOs/CBOs, Community/Village level workers	▪ Identification of all possible hazards in the area based on past experience and available records Identification of the most vulnerable areas with relation to threat to life, livelihoods and property
	Vulnerability Assessment	BDOs, Tahasildars Village community, NGOs/CBOs, Community/Village level workers	▪ Locations of the vulnerable areas are to be mapped separately ▪ Identification of the vulnerable people such as, the elderly, the disabled, children and pregnant women, families living in thatched houses, fishermen at sea (if any), ailing people, etc. ▪ Identification of property or assets which are likely to be affected, such as, cattle and other livestock, kachcha houses,

			weak structures, pump sets, tube wells and other installations, crops, horticulture and plantations, boats, nets, etc. ▪ Identification of weak points on embankments (if any) ▪ Marking the drainage system in the concerned area
	Resource Identification	BDOs, Tahasildars Village community, NGOs/CBOs, Community/Village level workers	▪ Identification of the existing resources which may help to reduce risks to life and property ▪ Identification of the safe houses and buildings for shelter and storage ▪ Listing the existing flood/cyclone shelters, if any

Preparation of a Disaster Preparedness Plan involves the following steps:

1.4.3 Consultation with Dist & Block level Officials For smooth implementation of the proposed Disaster Preparedness Response/Mitigation, the Plan for involving some institutional at the District level has been prepared.

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

1.6 Plan for review and updating: Periodicity The approved plan is to be implemented by the concerned line department. Each department needs to train their personnel so that they have the knowledge, skills and abilities needed to perform the tasks identified in the plan. DM Plan requires regular improvement and updating at least once a year. The DDMP, 2025-26 prepared by the DEOC, Sambalpur will be upgraded every year and will continue to be done. The DDMA will sit at least twice a year to effect regular improvements or remove bottlenecks in the Disaster Management Plan.

Chapter-2 District Profile

2.1 Brief History & Geographical location

The western most District of Odisha, Sambalpur District is believed to be named from the presiding Goddess Samalai, whose stone image was discovered by Balaram Dev, the first king of Sambalpur.

The District was amalgamated with Odisha in 1905. The District of Sambalpur was divided into four separate Districts. Bargarh was separated in 1993, and other two Jharsuguda, and Deogarh were separated in 1994.

Sambalpur District has a history that is full of events which also include its role in freedom struggle

There are many historical places in the Sambalpur District that attracts tourists from different parts of the world. Hirakud Dam and its lake are regularly surrounded by migrant bird from Siberia. Leaning temple of Huma, the wild life Sanctuary at Badrama (Ushakuthi), Khalasuni and Debrigadh (wildlife sanctuary in the Barapahad mountain range- Chourasimal), Gudguda waterfall, Ghanteswari Temple attracts tourists in large number.

Samaleswari, the presiding deity of this region is enshrined at 'Samalai Gudi' on the bank of Mahanadi River. The other famous temple of the District is the Budharaja Temple, dedicated to Lord Shiva and is perched atop the Budharaja hill.

2.2 Geography

2.2 Geography

2.2.1 Location & Geographical Area

Sambalpur lies between latitude 20º54' to 22º11' North and longitude 83º49' to 84º45' East. The district has an area of 6657 sq.km out of which forest area is 3631.77 sq.km. The district consists of wide expanse of fairly open country fringed by forest-clad hills as well as series of low hill ranges of irregular shapes. The plains' elevation range from 146m to 228m above MSL whereas the highest elevation point marked to be as Pariapahar 762m above MSL in the border of Sambalpur and Deogarh district (TS No. 73C/7). River Mahanadi and Maltijhor control the major drainage system. The district forms a part of central basin of Mahanadi river.

2.2.2 Climate & Rain fall:

The district is experiencing a hot and dry climate. The summer is extremely hot and the temperature may go up to 48 degree centigrade jeopardizing the normal functioning of lives. The barren hills and hillocks and the exposed landmass further intensify the problem. Heat wave and acute drinking water shortage are the common features of the summer months. Similarly the winter is also cool and dry.

The district experiences extreme climate; where in summer mercury raises up to 47º C in the month of May and in winter it dips as low as 4.5ºC during December/January. Humidity is normally 24% in winter and 35% in rainy season.

2.2.3 Cloudiness

During the south-west monsoon season, skies are generally heavily overcast. In the summer and post-monsoon months there is moderate cloudiness, the afternoons being cloudier than the mornings. In other months the sky is mostly clear or lightly clouded.

2.2.4 Winds

Winds are generally light to moderate. During the south-west monsoon season the winds are mostly front the south-west or west. In the post monsoon and cold seasons winds generally blow from the directions between the north and north-east. In the summer months, the winds are variable in direction.

2.3 Topography & Socio-economic condition:

Sambalpur district forms part of the Northwest upland of Orissa, which is rolling and multiplying the ground slopes from a height of 776 ft. to a height of 460 ft. The thick blanket of black cotton soil all over the district has been made somewhat sticky by the yellow earth developing in the undulating topography of the district. Isolated hills rising sharply from the surface are a regular sight.

2.4 River System:

Sambalpur is mainly known of its rivers running throughout the district. Major rivers of Sambalpur district are Mahanadi, Sionath, Mond, Ib, Veden, Hansdeo.

2.5 Administrative Setup

Sl	No. of Sub-Division	No. of Blocks	No. of G.Ps	Villages			No. of Wards	No of RI Circles	Name of the Tehsils
				Inhabited	Habited	Total			
1	2	3	4	5	6	7	8	9	10
1	1	5	131	12	656	668	1589	44	5

Source: Col. 1 to 8: DPO, Sambalpur, 2011 || Col.8 to 10: District Record Room, Sambalpur

2.6 Demography:

2.6.1 Population, decadal growth and Population Estimation

An official Census 2011 detail of Sambalpur, a district of Orissa has been released by Directorate of Census Operations in Orissa. Enumeration of key persons was also done by census officials in Sambalpur District of Orissa.

Households and its distribution

Sl. No	Name of the Block/ULB	Total Number of Families/HH	Category		Category				Category	
			Rural	Urban	SC	ST	OBC	GEN	BPL	APL
1	Bamra	23051	23051	0	2934	13797	NA	6320	13385	8688
2	Kuchinda	18750	18750	0	3193	9175	NA	6382	7828	6613
3	Jamankira	23623	23623	0	3110	12746	NA	7767	10176	9370
4	Rengali	22627	20098	2529	4541	8844	NA	9242	8817	7623
5	Dhankauda	23304	21368	1936	6046	7730	NA	9528	3275	13367
6	Maneswar	24439	24153	286	7916	7162	NA	9361	7492	13846
7	Jujomura	20089	20089	0	3183	9581	NA	7325	8574	6846
8	Rairakhol	13430	13430	0	1956	3230	NA	8244	6200	174
9	Naktideul	14849	14849	0	2309	3804	NA	8736	6221	2729
Total		**184162**	**179411**	**4751**	**35188**	**76069**		**72905**	**71968**	**69256**

Population and its composition

Sl. No	Population			SC		ST		OBC	
	T	M	F	M	F	M	F	M	F
1	1041099	526877	514222	96511	95316	177656	177696	NA	NA

2.6.2 Sex Ratio:

Sl. No.	Block	Total number of inhabited villages	Total population			Percentage
			Persons	Males	Females	
1	Bamra	136	96,088	47,759	48,329	19 (14 %)
2	Kochinda	131	71,316	35,465	35,851	35 (27 %)
3	Jamankira	234	93,711	46,710	47,001	88 (38 %)
4	Rengali	65	80,243	40,757	39,486	4 (6 %)
5	Dhankauda	81	91,007	46,145	44,862	5 (6 %)

6	Maneswar	101	96,976	49,275	47,701	10 (10 %)
7	Jujomura	121	84,006	42,567	41,439	31 (26 %)
8	Rairakhol	188	55,833	28,021	27,812	86 (46 %)
9	Naktideul	172	63,826	31,993	31,833	78 (45 %)
	Total	**1,229**	**733,006**	**368,692**	**364,314**	**356 (29 %)**

2.6.3 Religion wise distribution of Population

Sl. No.	Total Population	Category				
		Hindu	Muslim	Christian	Sikh	Others
1	1041099	964188	20120	50637	2506	1513

Source: Census, 2011

2.6.4 Age Group

Sl. No.	Total Population	0-6 years	6-14 years	15-59 years	60 years and above
1	1041099	117848	59659	219912	31639

Source: Census, 2011

2.6.5 Sex Ratio

1	Sex Ratio (Females per 1000 males):	976
2	Sex Ration(0-6 Years):	940

Source: Census, 2011

Sl. No.	**Block**	**Total number of inhabited villages**	**Total population**			**Percentage**
			Persons	**Males**	**Females**	
1	Bamra	136	96,088	47,759	48,329	19 (14 %)
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9	Naktideul	172	63,826	31,993	31,833	78 (45 %)
	Total	**1,229**	**733,006**	**368,692**	**364,314**	**356 (29 %)**

2.7 Literacy

	Total	Male	Female
Literacy Rate	76.2	84.4	67.9

Source: Census, 2011

Sl. No.	Name of the Block	Literates		Literacy Rate	
		Male	Female	Male	Female
1	**Dhankauda**	22400	17513	84.23	67.92
2	**Maneswar**	16700	12514	82.89	63.81
3	**Jujumura**	20547	15302	81.01	61.4
4	**Rengali**	55655	42537	83.65	66.44
5	**Rairakhol**	32370	24677	86.30	66.38
6	**Naktideul**	17961	14040	82.52	63.565
7	**Kuchinda**	29666	23401	81.72	63.95
8	**Jamankira**	20666	15977	79.24	60.63
9	**Bamra**	47053	37082	78.76	60.99
10	**SMC**	130174	107456	87.58	74.13
	Total	**393192**	**310499**	**84.35**	**67.93**

2.8 Socio-Economic profile

2.8.1 Workforce participation

Cultivators	Agriculutural Labourers	Workers in Household Industry	Other Workers	Total Workers
86800	160798	59288	198954	505840

2.8.2 Workforce participation rate- Male/ Female

Total worker=505,840
Male=313,161
Female=192,679
Total main worker=336,854
Male=242,724
Female=94,130
Total marginal worker=168,986
Male=70,437
Female=98,549

2.8.3 Land Holding Pattern:

Forest Area=130570, Misc. Tree crops & Groves not included in net area shown=2234, Permanent Pasture=17553, Cultivable waste=27924, Land put to Non agri. Use=44334, Barren land=44334, Current fallow=36109, Other fallow=21622, Net area shown=136427 (Area in Hect.)

2.8.4 Agriculture and Irrigation:

District- Sambalpur **Plan Year 2025-26**

Sl.	Crop	Net Sown Area (in Ha)	Production (in Qtls.)	Consumption of Seeds (in Qtls.)	Consumption of Fertilizers (in Qtls.)	Consumption of Pesticides (in Qtls.)	Requirement of Loans (Rs. in Lakh)
1	Paddy (K)	105935	6456150	53645	321890	1072	30011.8
2	Paddy (R)	11955	543130	6938	41628	139	27536.7
3	Wheat	67	980	83	168	0.67	
4	Maize	4919	355320	974	14558	48	
5	Bajra	240	1110	13	240		
6	Ragi	945	5020	378	5544	19.53	
7	Jowar	420	1760	23	420		
8	Milets	195	590				
9	Pulses	40357	303740	8596	63194	214	
10	Oil Seeds	26679	174890	2575	77242	130	
11	Vegetables	47847	6285650			438	
12	Other Cash crops	12699	452520		52471	65	

Plan Year-2025-26

District- Sambalpur

Name of the Block	Cultivable Area (Hectares)			Area susceptible to Flood (Hectares)		
	Paddy	Non Paddy	Total	Paddy	Non Paddy	Total
Dhankauda	14126	5351	19477	250	0	250
Maneswar	14720	7057	21777	160	0	160
Jujumura	14230	8893	23123	0	0	0
Rengali	12005	6973	18978	45	0	45
Rairakhol	9450	9797	19247	0	0	0
Naktideul	6950	7390	14340	0	0	0
Kuchinda	11630	16534	28164	40	0	40
Jamankira	10590	10192	20782	0	0	0
Bamra	12234	15552	27786	0	0	0
Total	**105935**	**87739**	**193674**	**495**	**0**	**495**

District- Sambalpur Plan Year- 2025-26 (Drought)

Name of the Block	Average Annual Rain Fall	Ground Water Level	Cultivated Area (In Hectares)					
			Paddy			Non- Paddy		
			Rain fed Area	Irrigated Area	Total	Rain fed Area	Irrigated Area	Total
Dhankauda	1444		735	13391	14126	1851	3500	5351
Maneswar	1444		682	14038	14720	1033	6024	7057
Jujumura	1444		4000	10230	14230	5143	3750	8893
Rengali	1444		6775	5230	12005	2703	4270	6973
Rairakhol	1444		7433	2017	9450	4877	4920	9797
Naktideul	1444		3460	3490	6950	4300	3090	7390
Kuchinda	1444		2479	9151	11630	7558	8976	16534
Jamankira	1444		3785	6805	10590	3943	6249	10192
Bamra	1444		3811	8423	12234	13046	2506	15552
Total	**1444**		**33160**	**72775**	**105935**	**44454**	**43285**	**87739**

Irrigation

Sl. No.	Block	Major Irrigation Projects		Minor Irrigation Project		Lift Irrigation Point(River)		LI points (Deep bore wells)	
		Units	Ayacut Area in Ha.	Units	Ayacut Area in Ha.	No.	Ayacut Area Ha.	No.	Aayacut area Ha.

1	Dhankauda		3547.87	5	295	83	2212	94	188
2	Maneswar		13448.40	10	1137	92	2316	109	218
3	Jujomura		4330.35	18	2199	35	928	663	1326
4	Rengali		34.73	15	1019	6	164	688	1376
5	Rairakhol		0	13	3136	18	448	304	608
6	Naktideul		0	24	3868	9	200	286	532
7	Jamankira		106.27	18	3799	33	740	451	902
8	Kuchinda		0	6	2315	59	1509	730	1460
9	Bamra		0	10	2181	68	1436	715	1484
10	ULB		4099.04	0	0	0	0	0	0
	TOTAL			119	19949	403	9953	4040	8094

2.8.4.1 Consumption of Fertilizer

Though there has been considerable improvement in the use of fertilizers and other inputs, the rate of fertilizer use in the District still remains far behind the state average.

Sl.	Crop	Net Sown Area(inha)	Production (in Qtls.)	Consumption of Seeds (in Qtls.)	Consumption of Fertilizers (in Qtls.)	Consumption of Pesticides (in Qtls.)	Requirement of Loans (Rs. in Lakh)
1	Paddy (K)	106669	5413452	54017	324121	1079	32000
2	Paddy (R)	12701	916377	7371	44226	147	26196
3	Wheat	53	437	66	133	0.53	
4	Maize	4739	97481	939	14026	46	
5	Bajra	0	0	0	0	0	
6	Ragi	15	60	6	88	0.31	
7	Jowar	9	35	0.5	9	0	
8	Milets	30	88	0	0	0	
9	Pulses	36425	205801	7759	57037	194	
10	Oil Seeds	11084	56750	1070	32091	54	
11	Vegetables	28138	3098556			258	
12	Other Cash crops	7352	42274		30378	38	

2.8.5 Employment and livelihood:

Sl. No.	Name Block	Total population	Total workers (main + marginal workers)	Category of Workers			
				Cultivators	Agricultural labourers	Industry workers	Other workers
1	Bamra	96088	52301	14727	26462	1464	9648
2	Kochinda	71316	40304	11304	22818	960	5222
3	Jamankira	93711	54743	12066	24921	6351	11405
4	Rengali	80243	43110	6058	7856	12829	16367
5	Dhankauda	91007	45228	6152	15936	5909	17231
6	Maneswar	96976	48188	7726	20365	5889	14208
7	Jujomura	84006	44529	8273	15104	9779	11373
8	Rairakhol	55833	27946	7576	10709	2836	6825
9	Naktideul	63826	34193	9597	12544	5403	6649
	Total	**733006**	**390542**	**83479**	**156715**	**51420**	**98928**

2.8.6 Industries and mining:

Sl. No.	Block	Major Industries Units	Persons Engaged	MSME Units	Persons Engaged	Handloom Handicraft and Cottage Industries Units	Persons Engaged	Mining Units	Persons Engaged
1	Rengali	5	22960	NA	NA	49	49	1	119
2	Dhankauda	3	8000	NA	NA	87	87	Nil	Nil
3	Jujumora	1	250	NA	NA	Nil	Nil	Nil	Nil
4	Maneswar	Nil	Nil	NA	NA	53	53	1	15

5	Redhakhol	Nil	Nil	NA	NA	40	40	Nil	Nil
6	Jamankira	Nil	Nil	NA	NA	Nil	Nil	Nil	Nil
7	Kuchinda	Nil	Nil	NA	NA	Nil	Nil	Nil	Nil
8	Bamra	Nil	Nil	NA	NA	Nil	Nil	Nil	Nil
9	Naktideul	Nil	Nil	NA	NA	Nil	Nil	Nil	Nil
10	SMC	Nil	Nil	NA	NA	Nil	Nil	Nil	Nil
Total		**9**	**31210**	**7484**	**43500**	**229**	**229**	**2**	**134**

2.8.7 Education

Sl. No.	Name of the Block	No. of Villages	No. of Villages having Primary School within the village	No. of Villages having Access to ME/ High School within 5 Km.
1	BAMRA	291	289	279
2	DHANKAUDA	694	690	691
3	JAMANKIRA	263	240	248
4	JUJUMURA	374	359	374
5	KUCHINDA	259	255	259
6	MANESWAR	271	257	271
7	NAKTIDEUL	189	172	169
8	RAIRAKHOL	228	180	207
9	RENGALI	247	234	247
	Total	**2816**	**2676**	**2745**

The District has total numbers of private school-212, No of primary school-906, No of M.E School-585, No. Of high School-204.Total numbers of teachers-8, 391,Total enrolment-1, 71,455,Total teacher pupil ratio-20:1,Total numbers of colleges-44

2.8.8 Health

Sl. No.	Block	No. of Health Sub Centers	No. of PHCs	No. of CHCs	No. of Homeopathic/ Ayurevedic Hospitals	No. of Sub Divisional Hospitals	No. of District/ Private Hospitals	No. of MHUs	No. of Ambulances	Blood Banks
1	JAMANKIRA	27	5	1	2				2	
2	MANESWAR	13	3	1	1				2	
3	RAIRAKHOL	10	2	1	2	1	1		4	1
4	RENGALI	14	3	1	3				2	
5	BAMARA	29	5	2	2				3	
6	DHANKODA	12	0	2	1				2	
7	JUJUMARA	14	5	1	2				2	
8	KOCHINDA	26	4	1	3	1			4	1
9	NAKTIDEOL	11	2	1	4				2	
10	Sambalpur (M) P.S.	34	8	0	2		34	1	6	1
11	Total	**190**	**37**	**11**	**22**	**2**	**35**	**1**	**29**	**3**

Major Health Indicators:

Sl. No.	Block	Child Mortality Rate	Maternal Mortality Rate	Institutional Delivery in percentage	Immunization status of Children below 5 years in percentage	No of HHs covered under BSKY
1	JAMANKIRA	30	0	100	71	**24618**
2	MANESWAR	23	0	100	70	**15408**
3	RAIRAKHOL	14	2	100	75	**16755**
4	RENGALI	20	1	100	76	**21130**
5	BAMARA	28	0	100	61	**24388**
6	DHANKAUDA	17	10	97	70	**13341**
7	JUJUMARA	18	3	99	68	**21241**
8	KOCHINDA	20	1	100	66	**21342**
9	NAKTIDEOL	25	1	100	74	**15457**
10	SAMBALPUR (M) P.S.	56	0	95	67	**56533**
11	**District Average**	**25.1**	**1.8**	**99.1**	**69.8**	

Incidence of Major Diseases during last 5 years:

Sl. No.	Name of the Disease	Incidents/ Cases Treated	No. of Deaths due to disease
1	Malaria	5895	235
2	Jaundice	883	357
3	Pneumonia	871	231
4	Diarrhea	139401	365
5	TB	10705	428
6	COVID-19	32267	240

Human Resources available at Sambalpur

Sl. No.	Block	No. of Doctors	No. of Paramedical Staffs	No. of ANMs	No. ASHAs	Others
1	BAMARA	7	31	16	124	
2	DHANKODA	5	16	18	52	
3	JAMANKIRA	10	26	29	146	
4	JUJUMARA	10	17	19	88	
5	KOCHINDA	20	33	32	127	
6	MANESWAR	12	19	16	65	
7	NAKTIDEOL	4	17	15	74	
8	RAIRAKHOL	13	14	17	81	
9	RENGALI	9	17	17	91	
10	SAMBALPUR(M)	43	74	16	201	
11	**Total**	**133**	**264**	**195**	**1049**	

2.8.9 Housing

Total numbers of rural housing in Sambalpur district for 2025-26

Sl. No.	Block	Numbers of Elegible benificiary
1	BAMRA	35
2	DHANKAUDA	108
3	JAMANKIRA	37
4	JUJOMURA	47
5	KUCHINDA	16
6	MANESWAR	42
7	NAKTIDEUL	43
8	RAIRAKHOL	71
9	RENGALI	34
Total		**403**

2.8.10 Electrification

Total Grid Station- 3 in block – 6
No of 33/11 KV substation-16 in block- 6
No of electric pole- 51,360

Sl. No.	Name of the Block	Village Electrification				Household Electrification		
		Total No. of Villages	FE-Fully Electrified	PE-Partially Electrified	UE-Un-Electrified	Total No. of HHs	Electrified	UE
1	RENGALI	67	67	0	0		18608	
2	DHANKAUDA	29	29	0	0		4500	
3	MANESWAR	104	104	0	0		19319	
4	JUJUMURA	122	122	0	0		10665	
5	RAIRAKHOL	208	208	0	0		17796	
6	NAKTIDEUL	188	188	0	0		13882	
7	JAMANKIRA	40	40	0	0		2600	
	Total=	758	758				87370	

2.8.11 Drinking water and sanitation

Sl No	Name of the Block/ ULB	Total No Of Tube Wells	No. Of Wells	PWS Schemes				Other Drinking Water Sources If any
				Total No	Length In Mtrs	No. of Over Head Tanks	No Of Stand Post	
1	**Bamra**	2052	12	36		19	491	05 nos of Mega PWS Scheme under progress
2	**Dhankauda**	1099	27	22		23	258	
3	**Jamankira**	2408	16	40		19	413	
4	**Jujumura**	1733	17	35		14	371	
5	**Kuchinda**	1970	47	35		23	601	
6	**Maneswar**	1194	8	17		10	195	
7	**Naktideul**	1464	60	29		20	311	

8	**Rairakhol**	1593	19	25		21	249	
9	**Rengali**	1663	0	28		16	614	
Total =		**15176**	**206**	**267**		**165**	**3503**	

Drinking Water Crisis :

Sl No	Name of the Block/ ULB	Village / Wards without proper source of drinking water		Village/ Wards having crisis of drinking water during summer season		Fluoride Contaminate		Others Arsenic Saline/ Iron if any
		No. of Village/ Wards	Population	No. of Village/ Wards	Population	No. of Village/ Wards	Population	
1	**Bamra**	Nil		1		Nil		
2	**Dhankauda**	Nil		21		Nil		
3	**Jamankira**	Nil		3		Nil		
4	**Jujumura**	Nil		21		Nil		
5	**Kuchinda**	Nil		2		Nil		
6	**Maneswar**	Nil		37		Nil		
7	**Naktideul**	Nil		9		Nil		
8	**Rairakhol**	Nil		3		Nil		
9	**Rengali**	Nil		86		Nil		
Total				**183**				

2.8.12 Migration-

No migrating population data to other state for livelihood is reported in Sambalpur district.

2.8.13 Food security

Sl. No	Block/ ULB	No. of the G.P/ward	No. of HHs as per 2011 Census	HHs covered under NFSA	Total No. of Beneficiaries	No. of PDS outlets in the block	Storage Points	
							RRC points	Storage Capacity (in Qtls.)
1	DHANKAUDA	9	14539	13222	45500	9	Nuakhur	13600.000

							igaon	
2	MANESWAR	12	15217	15165	49426	12		
3	RENGALI	16	22627	20350	69126	15		
4	JAMANKIRA	21	23554	24097	79949	21		
5	BAMRA	17	23051	23955	81881	17		
6	KUCHINDA	17	18750	18314	58901	17	PEG Kuchinda	3132.000
7	KUCHINDA NAC	11	3927	2521	8064	1		
8	JUJUMURA	18	20089	20888	70357	18		
9	NAKTIDEUL	14	14849	15037	56018	14		
10	RAIRAKHOL	14	13430	13770	48615	15	PEG Rairakhol	3132.000
11	RAIRAKHOL NAC	13	3557	2524	9038	5		
12	SAMBALPUR MPL	41	57951	54311	181601	72	OSWCA. katapali	12006.000
TOTAL		203	231541	224154	750296	216		31870.000

2.8.14 Social Security

Sl. No.	Block	No. of Persons covered under Old Age Pension Schemes		No. of Persons Covered under Widow Pension	No. of Persons covered under Disability Pension	
		M	F		M	F
1	Bamra	2249	2437	1417	772	668

2	Dhankauda	1122	1215	993	535	419
3	Jamankira	1724	1867	2263	956	821
4	Jujomura	2191	2374	1102	891	763
5	Maneswar	1492	1616	852	548	429
6	Naktideul	1427	1545	958	627	592
7	Rengali	1598	1731	1690	419	335
8	Kuchinda	1889	2047	1270	912	730
9	Rairakhol	1930	2091	727	638	547

2.8.15 Critical infrastructure:

Anganwadi centers, Total=1845

Sub divisional Hospital=03, CHCs=11, PHCs=29, No. of Health Sub Centers=167

Veterinary Hospitals = Hospitals & Dispensaries=18, Livestock Aid Centers=101, Artificial Insemination Centers=150

Police and Fire Stations=Police station-22, Women PS-1

Fire Station=11

Cooperative Societies=46 PACS=37/LAMPCS=9.

Banks and Post offices=201 Post offices, Total Banks. =28, Branch=178

2.8.16 Road and Railway network

The district is well connected by rail route with direct trains to New Delhi, Chennai, Ahmedabad, Mumbai and Kolkata and is coming under East Coast Railways with 167.40 Km of rail route length. There are 17 railway stations in the district.

National Highway=205 KM, State Highway-142 KM, Major District Roads=114, Other District Roads=150KM.

2.8.17 Cyclone and Flood Shelters

4 Multi Purpose Flood Shelter, One at Maneswar Block, and Three under Sambalpur Municipality.

2.8.18 Rain gauge and Automatic Weather Stations

Nine rain gauge centres at nine blocks, one at district emergency operation centre, collectorate, Sambalpur.

Rain gauge and Automatic Weather Stations

Sl. No.	Rain Recording Station	Location	Contact Number
1	Dhankauda Block Office	Dhankauda	0663-2411721
2	Maneswar Block Office	Maneswar	06681-235777
3	Jujumura Block Office	Jujumura	06681-257609
4	Redhakhol Block Office	Redhakhol	06644-253015
5	Jamankira Block Office	Jamankira	06649-234201
6	Rengali Block Office	Rengali	0663-2560543
7	Bamra Block Office	Bamra	06642-229207
8	Naktideul Block Office	Naktideul	06747-246002
9	Kuchinda Block Office	Kuchinda	06642-220262
10	Durgapali	SMC	7978736957
11	Themra	SMC	9777821869

Source: DDMA

Chapter 3:

Hazard, Vulnerability and Risk Assessment

This chapter largely deals with the disasters that Sambalpur District experienced. Based on this, the vulnerability assessment of people and their income sources, infrastructure, crops, livestock resources, drinking water supply, daily necessities, communication and transportation system, public distribution, medical facilities and other elements has been done so that such elements can be safely shifted to, or to be taken care of before any unexpected disaster or during the disasters. This is the most important part of the plan.

Matrix of Past Disasters in Sambalpur district

The numbers of natural disaster reported in the past affecting the lives and livelihood of people of Sambalpur district is mentioned below. The district is frequently affected by drought in every alternative year. As agriculture is the mainstay of economy of the district, frequent drought occurrence severely affects the lives and livelihood of the people of the district.

History of Disaster in the District:

Table No.3-1 History of Disaster

Sl. No	Type	Last severe Occurrence	Remarks
1	Flood	July 1982	Balibandha bridge was broken.Now the brige with sluice gates is being maintained by EE, irrigation.
2	Earthquake	1995	Possibly due to reservoir induced.
3	Heat wave	May 1998	204 casualty (188 + 16) 188 were paid ex-gratia.
4	Drought	2000	Occurs every alternate year.
5	Flood	July 2001	4 Casualty
6	Earthquake	30th June 2003	Tectonically active zone.
7	Flood	July 2003	--

8	Flood	July 2005	No damage but impending of water in N. Guha Lane, Gopalmal,
9	Chlorine Gas Leakage	August 2005	Residents of Dasmati Colony, Thakurpada, Railway Station Colony affected but only 1 casualty
10	Heat wave	May 2006	2 Casualty
11	Heavy Rain / Flash Flood	August 2006	2 Casualty
12	Heavy Rain / Flash Flood	2007	--
13	Drought/Pest Attack 2009	2009	All the blocks
14	Drought 2010	2010	All the blocks
15	Flood/ Heavy Rain 2011	Sept 2011	All the blocks except Rairakhol and part of Rengali Casualty – 5
16	Flood/Heavy Rain 2014	August 2014	Sambalpur Municipality, Dhankauda & Maneswar Block. Casuality-5
17	Drought-2015	September 2015	All Blocks
18	Drought-2017	September 2017	All Blocks
19	Pest Attack-2017	December 2017	All Blocks
20	Flood 2017	January 2018	Rengali, Sasan
21	Flood 2018	July 2018	SMC, Dhankauda, Rairakhol
22	Hailstorm-2018	May 2018	SMC, Jujumura,Maneswar
23	Drought-2018	September 2018	All Blocks
24	Flood -2019	July & August 2019	SMC
24	Flood -2020	September 2020	SMC

25	COVID-19-2020	March-December	All over the District
26	COVID-19-2021	March-August	All over the District

3.1 Major Disasters/ Incidents during 2006-2015

This section described the disaster situation of the district during 2006 to 2015. Sambalpur district experienced various types of disasters. Though the district is reeling under the grip of drought since long time, it has been recently experiencing other disasters like flash flood, lighting, fire accident and heat wave. Poor drinking water, health and sanitation facilities in the remote villages often leads to the outbreak of epidemics like diarrhea, malaria etc. Various disasters took life of 198 persons during last 10 years. Among all disasters; drought, lightning, fire accidents, sunstroke, flood and epidemic (Malaria and TB) are prominent. A summary table showing types and disaster and their impact is given below.

Table 0-1 Major Disasters/ Incidents during 2006-2015

Sl. No.	Disaster/ Incident	No. of incidents during (2008-2018)	No. of Deaths	Affected Population /Family	Livestock Loss	Houses Damaged	Damage to Infrastructure				Damage and loss of Crop Area (in Hectares)
							School/ AWC Buildings	Hospitals	Road in Km.	Other Critical Infrastructure	
Disasters as approved under SDRF/ NDRF Guidelines.											
1	Flood	7	14	169242	NA	13615	NA	0	NA	0	NA
2	Drought	5	0	114160	0	0	0	0	0	0	187,313.49
3	Fire	297	16	290	0	286	0	0	0	0	
4	Hailstorm	2	0	2,397	0	534	0	0	0		1074.32
5	Pest Attack	1	0	7490	0	0	0	0	0	0	0
State Specific Disasters as per Notification No.1936 Dt. 01.06.2015											
1	Lightning	21	21	21	21	0	0	0	0	0	0
2	Heat wave	31	6	6	0	0	0	0	0	0	0

3	Whirlwind	2	0	841	0	0	0	0	0	0	13.12 Hector
4	Rail Accident	3	3	3	0	0	0	0	0	0	0
5	Drowning other tan during flood	48	35	38	0	0	0	0	0	0	0
6	Snake bIte (Other than during flood	36	23	36	0	0	0	0	0	0	0

NB: Year wise details of each disaster occurred during the last 10 years is at Table No14.1 Volume II of DDMP

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

3.1 Major Disasters/ Incidents in the District during 2025-26 :

Drowning and Lightnng impact a lot in the district during this year.

3.2 Vulnerability and Risk Assessment related to disasters:

The major Hazard Sambalpur district facing are Flood, Drought, Heat wave, Drowning, Snakebite, Fire Accident and Industrial chemical hazard.

Flood & Drowning Sambalpur Municipal Corporation area including Burla,Hirakud, Maneswar Block, Dhankauda Block, Rengali Blocks are mostly coming under flood zone in the district around 41 villages/ 29 wards are highly affected during flood.

Drought & Lightning: All nine blocks of Sambalpur district are drought affected area.

Earthquake: Sambalpur district is coming under earthquake moderate damage risk zone III , which implies that a readiness is must for the earthquake situation.

Heat wave: Every year western Odisha is facing severe Heat Wave situation, out of which Sambalpur is also facing the same with a rise of temperature up to 45 degree.

Industrial Chemical Hazard: There are two major and around twelve small industries are found in the district. They are dealing with many toxic and danger chemical like Chlorine, Ammonia, Liquid Oxygen, Propane/LPG, Flammable Liquid, Hydrogen etc.

3.2.1 Cyclone:

No cyclone prone area.

3.2.2 Tsunami:

No tsunami prone area.

3.2.3 Flood:

As Sambalpur is situated in the river bank of Mahanadi, Veden etc so the district is the witness of severe flood situation in the state. The history of flood situation in the state are as follows- July 2001-04, July 2005- No damage but impending of water in N. Guha Lane, Gopalmal, Heavy Rain / Flash Flood, August 2006, Flood/ Heavy Rain Sept 2011- All the blocks except Rairakhol and part of Rengali, Flood/Heavy Rain August 2014- Sambalpur Municipality, Dhankauda & Maneswar Block, Flood/Heavy Rain August 2018- Sambalpur Municipality, Dhankauda & Maneswar Block, 2020- some area of Charvati, Mayabagicha, Hirakud Colony, Govindtola, 2023- some area of Charvati, Mayabagicha, Hirakud Colony, Govindtola and Binakhandi

3.3.4 Flood vulnerable areas of the district in general.

Table No.3-3

Sl. No.	Name of the Block/ ULB	No. of susceptible Gram Panchayats	No. of susceptible villages/ Wards	Population in Nos.	Milch and Draught animals	Houses	Vulnerable Infrastructure			
							School/ AWC Buildings	Hospitals	Roads (in Km)	Other Critical Infrastructure
1	Maneswar	3	13	4394	1650	971	3	0	5 KM	No
2	Jujumura	3	5	2300	400	550	12	0	2 KM	0
3	Dhankauda	4	13	3702	0	550	0	0	0	0
4	Sambalpur Municipal corporation		29	8980	0	9000	0	0	0	0
5	Rengali	4	10	9322	1992	2393	5	0	0	0

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

3.3.5 Causing agent wise flood vulnerable areas of the district.

Table No.3-4

Sl. No.	Causing agent-Rivers/ Water bodies/Tidal Wave/ Others	No. of Susceptible Blocks/ ULB	No. of Susceptible GPs	No. of Susceptible Villages/ Wards	Vulnerable Population	Milch and Draught animals	Houses	Vulnerable Infrastructure			
								School / AWC Buildings	Hospitals	Roads (in Km)	Other Critical Infra.
1	Mahanadi	3	10	54	15272	1650	518	6-man	Nil	Nil	Nil
2	River-1(Vaden)	1	1	3	1645	1162	436	Nil	Nil	38	Nil

3	Flash Flood(BACK WATER OF HIRAKUD RESORVOIR)	1	3	7	7678	830	1957	5	Nil	36	Nil
4	Haradjore	1	1	1	500	NA	NA	1	Nil	Nil	Nil

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

3.3.6 Carrying Capacity of the Rivers.

Table No.3-5

Name of the River	Gauge Station	Zero Level (in Mts/ Fts.)	Danger Level (in Mts. / Fts.)
U/S Mahanadi	Ghorari	854 Fts.	884.40 Fts.
Sionath	Nandaghat	235 Mts.	250.30 Mts.
Mahanadi	Seori Narayan	701 Fts.	742.15 Pts.
Hansdeo	Champa	847 Fts	865.54 Fts
Mahanadi	Saradihi	196 Fts.	676.75 Fts.
Mond	Tarapur	203.10 Mts.	205.95 Mts.
IB	Deogaon	193.60 Mts.	200.55 Mts.
Vedan	Kherwal	190 Mts.	54.2.2 Fts.
D/S Tel	Belgaon	512 Fts.	542.2 Fts.
Tel	Patharla	0 Mts/	11.33 Mts.
Mahanadi	Khairmal	328 Fts.	NA
Mahanadi	Barmul	168 Fts.	206 Fts.
Mahanadi	Mundali	72 Fts.	99.70 Fts.

3.3.7 Agriculture and Flood Vulnerability

Table No.3-6.1

Sl. No.	Name of the Block	Cultivable Area (Hectares)		Area susceptible to Flood (Hectares)	
		Paddy	Non Paddy	Paddy	Non Paddy
1	Dhankauda	13851	5716	250	0
2	Maneswar	14531	7246	160	0
3	Jujumura	14150	8915	0	0
4	Rengali	11760	7218	45	0
5	Rairakhol	8500	9854	NA	0
6	Naktideul	6950	7398	NA	0

7	Kuchinda	11670	16547	40	0
8	Jamankira	10590	10339	NA	0
9	Bamra	12315	15578	NA	0
	Total	104317	88811	495	0

Table No.3-6.2

Food Storage and Market Facility							
Sl. No.	**Block**	**Storage Godowns**		**Cold Storage Units**		**No of Permanent Mandis in the area**	**Others(Temporary Mandi)**
		Nos.	**Storage Capacity (In Qtls.)**	**Nos**	**Storage Capacity**		
1	SMC	1(OSWC, A. Katapali)	100000.00	1(SHYAM COLD STORAGE,BAREIPALI)	5000MT	19	-
2	RAIRAKHOL	1(PEG, Rairakhol	25000.00	-	-	RAIRAKHOL SUB-DIVISION-4	7
3	RENGALI	1(Nuakhurion)	136000.00	1(SHREE KRISHNA COLD STORAGE,SASON)	5000 MT	-	8
4	KUCHINDA	1(Kuchinda)	25000.00	-	-	KUCHINDA SUB-DIVISION-7	17
5	MANESWAR	-	-	1 (KCC COLD STORAGE, KENGHATI)	5000 MT	-	19
6	BAMRA	-	-	-	-	-	16
7	JAMANKIRA	-	-	-	-	-	21

8	JUJUMURA	-	-	-	-	-	16
9	NAKTIDEUL	-	-	-	-	-	9
10	DHANKAUDA	-	-	-	-	-	19
	TOTAL		**286000.00**		**15000 MT**		**132**

3.3.8 Electrical Infrastructure in the Flood Prone Area

Table No.3-7.1

Sl. No.	Name of the Block/ ULB	No. of 33/11 KV Substations	No. of Distributing Transformers			Conductor/ Electrical lines-11 KV or less (length in Kms.)	No. of Electrical Poles	No. of High Tension Towers	High Tension lines above 11 KV (length in Kms.)
			11 KV or Less	11 KV < and <60KV	6o KV and above				
1	Rairakhol	1	615	0	0	675	9450	0	2
2	Naktideul	2	546	0	0	551	7714	0	33
3	Jujumora	3	525	0	0	498	6972	0	29
4	Maneswar	3	864	0	0	699	9786	0	36
5	Rengali	6	1160	0	0	602	8428	0	67.5
6	Dhankauda	1	174	0	0	65	910	0	27

Table No.3-7.2

Sl. No.	Name of the Block	Village Electrification				Household Electrification		
		Total No. of Villages	FE-Fully Electrified	PE-Partially Electrified	UE- Un-Electrified	Total No. of HHs	Electrified	UE
1	Dhankauda	29	29	0	0	NA	4500	NA
2	Rengali	67	67	0	0	NA	18608	NA
3	Maneswar	104	104	0	0	NA	19319	NA
4	Jujomura	122	122	0	0	NA	10665	NA
5	Rairakhol	208	208	0	0	NA	17796	NA
6	Naktideual	188	188	0	0	NA	13882	NA
7	Jamankira	40	40	0	0	NA	2600	NA
8	Kuchinda	NA	NA	NA	NA	NA	NA	NA
9	Bamra	NA	NA	NA	NA	NA	NA	NA
10	SMC Sambalpur	NA	NA	NA	NA	NA	NA	NA
11	Kuchinda NAC	NA	NA	NA	NA	NA	NA	NA
12	Rairakhol NAC	NA	NA	NA	NA	NA	NA	NA
Total=		**758**	**758**	**0**	**0**	**NA**	**87370**	**NA**

Table No.3-7.3

Sl. No.	Name of the Block	No. of Grid Stations	No. of 33/11 KV Substations	No. of Distributing Transformers			Conductor/ Electrical lines-11 KV or less (length in Kms.)	No. of Electrical Poles	No. of High Tension Towers	High Tension lines above 11 KV (length in Kms.)
				11 KV or Less	11 KV < and <60KV	6o KV and above				
1	Rairakhol	1	1	615	0	0	675	9450	0	2
2	Naktideul	0	2	546	0	0	551	7714	0	33
3	Jujumora	0	3	525	0	0	498	6972	0	29
4	Maneswar	1	3	864	0	0	699	9786	0	36
5	Rengali	1	6	1160	0	0	602	8428	0	67.5
6	Dhankauda	0	1	174	0	0	65	910	0	27

3.3.9 Drinking water and Flood Vulnerability

Table No.3-8

Sl. No.	Name of the block/ULB	Total No. of Tube wells	No. of tubewells with raised platforms	No. of sanitary wells	PWS Schemes				Other drinking water sources if any.
					Total No.	Length in mtrs	No. of Over head tanks	No. of stand points	
1	Bamra	1972	NA	12	35	19600	44	587	-
2	Dhankauda	1032	NA	27	18	10500	18	258	-
3	Jamankira	2525	NA	16	40	21700	4	472	-
4	Jujumura	1669	NA	17	35	18200	4	454	-
5	Kuchinda	1776	NA	47	36	22400	17	480	-
6	Maneswar	1080	NA	8	17	8400	11	188	-
7	Naktideul	1797	NA	60	29	14700	13	347	-
8	Rairakhol	1713	NA	19	24	11200	9	249	-
9	Rengali	1621	NA	0	28	16800	10	624	-
10	Sambalpur Municipal Corporation	2301	NA	-	41	427290	17	1950	-
11	Rairakhol NAC	367	NA	-	13	19750	0	108	-
12	Kuchinda NAC	149	NA	-	11	49300		91	-

3.3.10 Events/ Festivals/ Functions organized in the district where mass gathering occurs

Table No.3-9

Sl. No.	Name of the Event/ Festival/ Function	Place (Block & Gram Panchayat)	Duration of the event (in No. of days)	Month (as per English Calendar)	Strength of population gathering (Approx.)	Remarks (other vulnerabilities associated with the place/ event, if any to the mentioned)
1	Sambalpur Lok Mahotsav	Sambalpur PHD field, Sambalpur	3 Days	January	20,000-30,000/ day	Need to be take care for stampage, fire accidents, to be happened in the gathering as more than 100 stalls are installed in the field.
2	Maha Shivratri	Huma, Dhama, Maneswar Block	7 days	February	8,000-10,000/ Days	Need to be take care for stampage as the temple place is little bit congested.
3	Shital sasti	Sambalpur Town	2 days	May/ June	80,000-1,00,000	Need to be take care for stampage, riots, sophocations issues as the gathering amount is very high.
4	Hanuman Jayanti	Sambalpur Town	1 day	April	20,000-25,000	Issues like stampage, riots likely to be arise.

3.3.11 Boat operation points

Table No.3-10

Boat operation points							
Sl. No.	Name of the Block	Name of the ghat/ boat operation point	Name of the water body	No. of Panchayats/ villages connected	Daily to and fro movement of people in Nos. (Approx.)	Type of boats operating in Nos.	
						Mechanised	Non-Mechanised
1	Dhankauda	Kardola-Kud-Mahada	Mahanadi	2	300	Yes	Yes
2	Dhankauda	Tulandi-Kud-Gunderpur	Mahanadi	2	350	Yes	Yes
3	Dhankauda	Kud-Tabada-Dalab	Mahanadi	2	250	No	Yes
4	Dhankauda	Ashram-Kud-Gunderpur	Mahanadi	2	150	No	Yes
5	Dhankauda	Baunsara- Haldi Mahada	Mahanadi	2	150	No	Yes
6	Dhankauda	Tihura-Tilia	Mahanadi	2	600	Yes	Yes
7	Dhankauda	Larbhanga-Tilia	Mahanadi	2	600	Yes	Yes

8	Maneswar	Deogaon	Mahanadi	2	600	1	0
9	Maneswar	Huma	Mahanadi	1	50	1	0
10	Maneswar	Baunsara	Mahanadi	1	50	0	1
11	Maneswar	Dhama	Mahanadi	1	50	1	0
12	Maneswar	Sahaspur/Chakuli	Mahanadi	2	50	0	1
13	Sambalpur Municipal Corporation	Salmaleswari Temple	Mahanadi	2	0	Below 10 Q-1	0
14	Sambalpur Municipal Corporation	Badbazar	Mahanadi	2	0	Below 10 Q-1	0
15	Sambalpur Municipal Corporation	Mundo Ghat	Mahanadi	2	0	Below 10 Q-1	0
16	Sambalpur Municipal Corporation	Balibandha	Mahanadi	0	0	Below 10 Q-1	0
17	Sambalpur Municipal Corporation	Dhanupali	Mahanadi	0	0	Below 10 Q-1	0
18	Sambalpur Municipal Corporation	Sunapali	Mahanadi	0	0	Below 10 Q-1	0
19	Sambalpur Municipal Corporation	Hatpada	Mahanadi	0	0	Below 10 Q-1	0
20	Sambalpur Municipal Corporation	Dalaipada	Mahanadi	0	0	Below 10 Q-1	0
21	Sambalpur Municipal Corporation	Charbati	Mahanadi	0	0	Below 10 Q-1	0
22	Sambalpur Municipal Corporation	A.N. Guha Lane	Mahanadi	0	0	Below 10 Q-1	
23	Rengali	Salad	River IIB	1 panchyat , 3 villages	128	0	Yes

3.3.12 Land Slide Vulnerability

Few area of Sambalpur Municipal Corporation and Jamankira Block are prone to land slide vulnerability in Sambalpur district.

3.3.13 Lightning

Table No.3-11

Sl. No.	Name of the Block/ ULB	Identifiable incidents of lightning hit in last 5 years		No. of Lightning events	No. fatality/ Deaths	Injured Persons
		No. of GPs	No. of Villages/ Wards			
1	Rengali	NA	NA	00	00	NA
2	Maneswar	NA	NA	02	02	NA
3	Sambalpur	NA	NA	10	10	NA
4	Jamankira	NA	NA	01	01	NA
5	Jujumura	NA	NA	03	03	NA
6	Rairakhol	NA	NA	01	10	NA
7	Naktideul	NA	NA	01	01	NA
8	Bamra	NA	NA	02	02	NA
9	Kuchinda	NA	NA	02	02	NA

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

Table No.3-12 : Lightening, Drowning, Snakebite, Fire accidents etc.

Sl. No.	Name of the Tahasil	Lightening	Drowning	Snakebite	Sunstroke	Fire Accident	Total
2018-19							
1	Sambalpur	2	7	2	0	1	12
2	Maneswar	0	3	1	0	0	04
3	Jujumura	1	1	1	0	0	3
4	Rengali	0	3	0	1	0	4
5	Rairakhol	1	1	1	1	2	6
6	Naktideul	0	1	2	0	3	6
7	Kuchinda	0	1	1	2	0	4
8	Jamankira	0	0	4	0	0	4
9	Bamra	1	0	9	0	0	10
2019-20							
1	Sambalpur	1	6	2	1	3	13
2	Maneswar	1	1	0	1	0	3
3	Jujumura	2	2	3	0	1	8
4	Rengali	0	3	0	1	0	4

5	Rairakhol	0	2	1	0	0	3
6	Naktideul	0	0	1	0	1	2
7	Kuchinda	1	2	2	1	0	6
8	Jamankira	0	1	2	0	0	3
9	Bamra	2	1	2	1	0	6
2020-21							
1	Sambalpur	5	10	11	0	1	27
2	Maneswar	0	1	0	0	0	1
3	Jujumura	0	0	0	0	0	0
4	Rengali	0	0	0	0	0	0
5	Rairakhol	0	0	0	0	4	4
6	Naktideul	0	0	0	0	0	0
7	Kuchinda	0	0	0	0	0	0
8	Jamankira	0	0	0	0	0	0
9	Bamra	0	0	0	0	0	0
2021-22							
1	Sambalpur	1	8	1	0	2	12
2	Maneswar	0	1	3	0	0	4
3	Jujumura	0	0	1	0	0	1
4	Rengali	0	3	1	0	3	7
5	Rairakhol	0	2	0	0	0	2
6	Naktideul	0	0	1	0	1	2
7	Kuchinda	1	3	1	0	2	7
8	Jamankira	0	0	0	0	0	0
9	Bamra	2	17	8	0	8	35
2022-23							
1	Sambalpur	1	11	6	0	6	24
2	Maneswar	0	5	2	0	5	12
3	Jujumura	0	8	7	0	0	15
4	Rengali	0	6	3	0	1	10
5	Rairakhol	0	7	5	0	1	13
6	Naktideul	0	6	4	0	1	11
7	Kuchinda	1	2	2	0	1	6
8	Jamankira	0	2	5	0	1	8
9	Bamra	1	3	9	0	1	14

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

Table No.3-13

Sl. No.	Name & location of the Industry/ Storage point	Department/ Ownership	Name of hazardous materials stored & Quantity						Total no. of workers in the establishment	No. of adjacent Villages/ Habitations within 2 Kms. radius	Susceptible Population	House	Vulnerable Infrastructure		
			Chlorine	Ammonia	Liquid Oxygen	Propane/ LPG	Flammable Liquid	Hydrogen					School Buildings & AWC	Hospitals	Other Critical Infra.
1	M/S Bhushan Power & Steel Ltd., At-Thelkoloi, Po-Lapanga, Sambalpur	NA	3.6 Ton		1129 MT	584 T	HSD-387.6KL	0.243 MT	13500						
2	M.s Hindalco Industries Ltd. Hirakud Smelter, Hirakud	NA					FO-458 KL Diesel-10 KL Petrol-10 KL		5000	0	0	0	0	0	0
3	M/s Indian Oil Corporation Ltd. Intermidate pumping station,Naxapali, Sambalpur	NA					HSD-20040 KL		100	0	0	0	0	0	0
4	M/s Hindalco Industries Ltd. (Hirakud Power) Hirakud	NA					LDO-340 KL		1500	0	0	0	0	0	0

5	Priti Oil Ltd (Refinery) Rengali, Sambalpur	NA					Hexane-20 KL		50	0	0	0	0	0	0
6	M/s Hi-Tech Bottling Plant, Jayantpur, Sambalpur	NA					Spirit-3,20,000 Ltr		250	0	0	0	0	0	0
7	Keep Safe Traders (P) Ltd., Ranikhinda, Sason, Sambalpur	NA					Benzene/ Toluene-300 KL		40	0	0	0	0	0	0
8	M/s Aryan Ispat & Power (P) Ltd., Bomaloi, Rengali, Sambalpur	NA					HSD-23.8 KL		710	0	0	0	0	0	0
9	M/s Viraj Steel & Energy Ltd., Gurupali, Rengali, Sambalpur	NA					HSD-20 KL FO-10 KL		750	0	0	0	0	0	0
10	M/s Shyam Metalic & Energy ltd., Pandoloi, Rengali, Sambalpur	NA			16 KL		FO-500 KL HSD-22 KL		4000	0	0	0	0	0	0
11	M/s Hindalco Industries Ltd., (FRP), Hirakud	NA		200 KG			Trafo. Oil-27.6 KL Rolling Oil-200 KL		1000	0	0	0	0	0	0
12	M/S Aditya Aluminium Lapanga, Sambalpur	NA					HFO-1647 T LDO-540 T HSD-77.28 T		6000	0	0	0	0	0	0

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

3.3.14 Drought

Table No.3-14

District- Sambalpur **Plan Year- 2025-26** **(Drought)**

Name of the Block	Average Annual Rain Fall	Ground Water Level	Cultivated Area (In Hectares)					
			Paddy			Non- Paddy		
			Rain fed Area	Irrigated Area	Total	Rain fed Area	Irrigated Area	Total
Dhankauda	1444		735	13391	14126	1851	3500	5351
Maneswar	1444		682	14038	14720	1033	6024	7057
Jujumura	1444		4000	10230	14230	5143	3750	8893
Rengali	1444		6775	5230	12005	2703	4270	6973
Rairakhol	1444		7433	2017	9450	4877	4920	9797
Naktideul	1444		3460	3490	6950	4300	3090	7390
Kuchinda	1444		2479	9151	11630	7558	8976	16534
Jamankira	1444		3785	6805	10590	3943	6249	10192
Bamra	1444		3811	8423	12234	13046	2506	15552
Total	**1444**		**33160**	**72775**	**105935**	**44454**	**43285**	**87739**

3.3.15 Drought Vulnerability

Table No.3-15

Sl. No.	Name of the Block	Year- 2015				Year – 2017				Year-2018				Year- 2021			
		No. of GPs experienced drought	No. of Villages	Agricultural Crop Area lost (in Hectares)		No. of GPs experienced drought	No. of Villages	Agricultural Crop Area lost (in Hectares)		No. of GPs experienced drought	No. of Villages	Agricultural Crop Area lost (in Hectares)		No. of GPs experienced drought	No. of Villages	Agricultural Crop Area lost (in Hectares)	
				Paddy	Non-Paddy			Paddy	Non-Paddy			Paddy	Non-Paddy			Paddy	Non-Paddy
1	Dhankauda	4	8	12	0	1	2	16	0	11	106	1045	0	2	19	15	0
2	Maneswar	4	15	19	0	6	26	519	0	13	76	1168	0	0	0	0	0
3	Jujomura	16	85	101	0	15	100	1140	0	18	115	2458	0	2	12	75	0
4	Rengali	7	8	15	0	14	60	2046	0	16	66	10000	0	16	67	5960	0
5	Rairakhol	6	10	16	0	6	64	1630	0	0	0	0	0	15	219	2936	0
6	Naktideul	13	NA	13	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kuchinda	12	28	40	0	0	0	0	0	18	139	11532	0	18	139	5070.55	0

8	Jamankira	2	6	8	0	21	236	791.19	0	21	237	3921	0	21	239	9232.05	0
9	Bamra	17	131	148	0	0	0	0	0	17	135	10945	0	0	0	0	0
	Dist.Total:-	81	291	372	0	63	488	6142.2	0	114	874	41069	0	74	695	23288.60	0

Table No.3-16

Sl. No.	Name of the Block	Cultivable Area (Hectares)		Area susceptible to Flood (Hectares)	
		Paddy	Non Paddy	Paddy	Non Paddy
1	Dhankauda	13851	5716	250	0
2	Maneswar	14531	7246	160	0
3	Jujomura	14150	8915	0	0
4	Rengali	11760	7218	45	0
5	Rairakhol	8500	9854	NA	0
6	Naktidfeul	6950	7398	NA	0
7	Kuchinda	11670	16547	40	0
8	Jamankira	10590	10339	NA	0

9	Bamra	12315	15578	NA	0
	Dist.Total:-	104317	88811	495	0

3.3.16 Drinking Water Crisis

Table No.3-17.1

Sl. No.	Block/ ULB	No. Of villages having access to safe drinking water	No. Of villages/hamlets affected by flouride	Affected population	No. Of villages/hamlets affected by Arsenic contamination	Affected population
1	Bamra	137	0	0	0	0
2	Dhankauda	56	0	0	0	0
3	Jamankira	241	0	0	0	0
4	Rengali	67	0	0	0	0
5	Kuchinda	130	0	0	0	0
6	Maneswar	77	1	619	0	0
7	Jujumura	124	1	1584	0	0
8	Naktideul	169	0	0	0	0
9	Rairakhol	182	4	2277	0	0
	TOTAL	**1183**	**6**	**4480**	**0**	**0**

SANITATION

Table No.3.17.2

Sl. No.	Name of the Block	Villages Sanitation				Total No of Community Sanitary Complex			Household		Schools	
		Total No	No of ODF Villages	No of Villages having covered drains	Length in KM	Plan	Under Construction	Completed	Total No of HHs	No of HHs having IHHL(SBM)	Total No.	No of Schools having functional Toilets
1	Dhankauda	57	57	NA	NA	7	1	0	13896	12458	NA	NA
2	Rengali	68	68	NA	NA	8	0	0	22627	19259	NA	NA
3	Maneswar	76	76	NA	NA	29	0	0	14949	13625	NA	NA
4	Jujumura	125	125	NA	NA	16	0	0	24803	23150	NA	NA
5	Rairakhol	179	179	NA	NA	6	0	0	13430	12254	NA	NA
6	Naktideul	166	166	NA	NA	7	4	1	14849	14036	NA	NA
7	Jamankira	233	233	NA	NA	24	0	0	26623	24147	NA	NA
8	Kuchinda	132	132	NA	NA	31	5	0	20426	18690	NA	NA
9	Bamra	136	136	NA	NA	17	3	0	23051	18240	NA	NA
	TOTAL	**1172**	**1172**	NA	NA	**145**	**13**	**1**	**174654**	**155859**	NA	NA

Sl No	Block	No of GP/Ward covered	No of Locations covered	No of R.O water Purifier installed	Total
1	Rairakhol	14	90	15	90
2	Maneswar	12	79	10	79
3	Rengali	16	128	1	128
4	Jujomura	18	124	8	124
5	Bamra	17	139	16	139
6	Kuchinda	15	68	15	68
7	Naktideul	14	92	25	92
8	Dhankuda	9	58	0	40
9	Jamankira	21	131	21	133
Total		**136**	**909**	**111**	**893**
10	SMC, Sambalpur	41	50	22	10
11	NAC, Rairakhol	13	8	6	6
12	NAC, Kuchinda	11	21	2	10
Total		**65**	**79**	**30**	**26**
Grand Total		**201**	**988**	**141**	**919**

HEAT WAVE MANAGEMENT STATUS REPORT OF SAMBALPUR DISTRICT MARCH 2025

Sl No	Block Name	Tube Well			PWS			No of Water Scarcity village/pocket	Water Tanker Status		No of Jalachatra	No of R.O water purifier installed	No of Troughs available for animals	No of Vats to be opened (Block /ULB)
		Functional	Non-Functional	Total	Functional	Non-Functional	Total		Stock at GP/ULB level	Planed to hire				
1	Rairakhol	1713	0	1713	23	1	24	11	14	0	90	15	0	20
2	Maneswar	1080	0	1080	16	1	17	39	5	16	79	10	0	20
3	Rengali	1593	28	1621	28	0	28	33	14	35	128	1	0	20
4	Jujomura	1600	69	1669	30	5	35	18	15	0	124	8	1	18
5	Bamra	1965	7	1972	35	0	35	0	0	2	139	16	0	18
6	Kuchinda	1772	4	1776	36	0	36	1	0	1	68	15	2	32
7	Naktideul	1377	20	1397	29	0	29	9	11	0	92	25	1	16
8	Dhankuda	1007	25	1032	18	0	18	9	0	5	58	0	0	107
9	Jamankira	2521	4	2525	40	0	40	3	19	0	131	21	1	21
Total		**14628**	**157**	**14785**	**255**	**7**	**262**	**123**	**78**	**59**	**909**	**111**	**5**	**272**
10	SMC, Sambalpur	2301	0	2301	41	0	41	2	12	18	50	24	0	0
11	NAC, Rairakhol	357	10	367	13	0	13	2	6	4	8	6	0	7
12	NAC, Kuchinda	142	7	149	11	0	11	0	7	2	21	2	0	0
Total		**2800**	**17**	**2817**	**65**	**0**	**65**	**4**	**25**	**24**	**79**	**32**	**0**	**7**
Grand Total		**17428**	**174**	**17602**	**320**	**7**	**327**	**127**	**103**	**83**	**988**	**143**	**5**	**279**

Table No.3.17.3

Sl. No.	Name of the Block/ ULB	Villages/ Wards without proper source of drinking water		Villages/ Wards having crisis of drinking water during summer season		Fluoride Contamination		Others Arsenic/ Saline/ Iron If any
		No. of Villages / Wards	Population	No. of Villages/ Wards	Population	No. of Villages / Wards	Population	
1	Maneswar	Nil		39	3197	Nil		Nil
2	Kuchinda			1	NA			
2	Jamankira			3	1015			
	Bamra			Nil	NA			
3	Dhankauda			9	3200			
4	Jujomura			18	1849			
5	Rairakhol			11	851			
6	Naktideul			9	1041			
7	Rengali			33	9300			

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

3.3.17 Railway Line Exposed different Hazards

The district is well connected by rail route with direct trains to New Delhi, Chennai, Ahmedabad, Mumbai and Kolkata and is coming under East Coast Railways with 167.40 Km of rail route length. There are 17 railway stations in the district.

RAILWAY ENQUIRY:

Khetrajpur station – (131)

Table No.3-18

Sl. No.	Hazard	Length of Railway line exposed(in Km.)	Location
1	Flood	**Nil**	**--**
2	Land Slide	**Nil**	**--**
3	Storm Surge	**Nil**	**--**
4	Tsunami	**Nil**	**--**

3.3.18 Road Accidents

Table No.3-19.1

Road Accidents					
Sl. No.	Stretch of Road (From - to)	Length in Kms.	No. of Traffic Congestion Areas	No. of Accident Prone Areas	No. of villages/ habitations adjacent to accident prone areas
1					Saragipali
2					Kamarei
3					Luhamunda
4					Maratira
5	Angul to Sambalpur	150.858 Kms.	Nil	11 Nos.	Boinda
6					Katada
7					Tukuda
8					Santrapur
9					Tubey
10					Badkera
11					Tantarisa
12	From KM 58/0 to 108/0 (Naktideul to Kiakata) of NH-153(B)	50.00 KM	NIL	NIL	NA

Table NO.3.19.2

Road Connectivity and Transport						
Sl. No.	Block	No. Of GPS connected with the Block HQ with all weather road	Total No. of village	No of villages connected with GP HQ with all weather Roads	No. Of GPS having bus communication	No. Of Govt. And Private Buses Operating
1	Dhanakuda	9	101	101	NA	NA
2	Maneswar	12	143	143	NA	NA
3	Rengali	16	69	69	NA	NA
4	Jujumura	18	127	127	NA	NA
5	Rairakhol	14	185	185	NA	NA
6	Naktideul	14	182	182	NA	NA
7	Jamankira	21	264	264	NA	NA
8	Kuchinda	17	133	133	NA	NA
9	Bamra	17	151	151	NA	NA
	TOTAL	**138**	**1396**	**1396**		

Population Requiring Special Care

Table No.3-20

Sl. No.	Block/ ULB	No. of HHs headed by Women	No. of HHs headed by PWD	No. of Persons With Disability		No. of Widow	No. of Children		No. of Orphans		No. of Aged Persons (60 and above)		No. of Pregnant and lactating mothers
				M	F		6 month -3 Years	3-6 Years	M	F	M	F	
1	Dhankauda	NA	216	535	419	993	4424	5417	44	37	1122	1215	1715
2	Maneswar	NA	397	548	429	852	3173	3944	11	13	1492	1616	1344
3	Rairakhol	NA	446	638	547	727	2981	3589	35	29	1930	2091	1295
4	Jujumura	NA	616	891	763	1102	2956	3619	21	29	2191	2374	1181
5	Kuchinda	NA	679	912	730	1270	2458	3131	42	55	1889	2047	1016
6	Rengali	NA	390	419	335	1690	3029	3376	16	44	1598	1731	1322
7	Jamankira	NA	694	956	821	2263	3235	3867	51	37	1724	1867	1322
8	Bamra	NA	415	772	668	1417	3153	3878	44	42	2249	2437	1219
9	Naktideul	NA	438	627	592	958	2543	3121	19	20	1427	1545	1031
10	SMC	NA	420	511	465	5094	8059	8551	61	95	5212	5646	3007
11	Rairakhol NAC	NA	72	188	175	128	-	-	-	-	315	341	-
12	Kuchinda NAC	NA	96	220	197	253	-	-	-	-	212	230	-

3.3.20 Earthquake Vulnerability:

As per Earthquake Hazard Zoning Atlas-2016 issued by the National Disaster Management Authority (NDMA) and Building Materials and Technology Promotion Council (BMTPC)

- The Sambalpur District is coming under Zone-II (low damage risk zone)/
- Some portion of the District is under Zone- III (Moderate damage risk zone)/
- 30% of the District is coming under Zone- III (Moderate damage risk zone)/
- Naktideul, Jujumura, Rengali, Dhankauda &SMC some portion is under Zone- III (Moderate damage risk zone) and other blocks are coming under Zone-II (low damage risk zone

3.3.21 Identified Old and depleted Buildings in the District (if any)

Table No.3-21

Sl. No.	Block/ ULB	No. of Vulnerable Buildings	Population at Risk (inhabitants and the neighbouring)	Remarks
1	Maneswar	NA		
2	Jamankira	NA		
3	Dhankauda	NA		

[

4	Jujomura	NA		
5	Rairakhol	NA		
6	Naktideul	NA		
7	Rengali	NA		
8	Bamra	NA		
9	Kuchinda	NA		
10	SMC	NA		
11	Kuchinda NAC	NA		
12	Rairakhol NAC	NA		

3.3.22 Forest Fire:

Table No.3-22 : Forest Fire Incidents:

Sl. No.	Name of the Division	Range	No. of Fire Incidents Reported during last--------- 5years	Area Affected in Ha.	Loss of life/ property if any
NA					

Table No.3-23 : Forest fire vulnerability

Sl. No.	Name of the Division	Range	Area (in Sq. Km)	Total Notified Forest Area (in Sq. Km)	High Risk Zone (Area in Sq Km)	No. of Villages/ habitations inside/ adjacent to the High Risk Zone	Medium Risk Zone (Area in Sq. Km)	No. of Villages/ habitations inside/ adjacent to the Medium Risk Zone	Low Risk Zones (Area in Sq. Km)	No. of Villages/ habitations inside/ adjacent to the Low Risk Zone
NA										

3.3.23 Fire and Life Safety of High Rise Buildings (buildings having a height of more than 15 meter)-

Table No.3-24 (Govt Sector)

Sl. No.	Name of the ULB/ Block	No. of High Rise Buildings	No. of High Rise Buildings where Fire & Life Safety Audit has been carried out in last 2 years.	Remarks
1	Sambalpur Municipal Corporation	32	NA	

Table No.3-25 (Private Sector)

Sl. No.	Name of the High Rise Building	Location/ Area	Name, Address, Contact Details of the Owner	Whether Fire & Life Safety Audit Under Taken (Yes/ No.)	If Yes then the Year and the Name of the Agency	Vulnerable Population
1	Silicon Institute of Technology	Sason	NA	Yes	2016	
2	Vikash School	Sason	NA	Yes	2016	
3	Vedic School	Sason	NA	No		
4	Seven Hills	Sason	NA	No		

5	Badriprasad institute of technology	Majhipali	NA	No		
6	AIMS	Majhipali	NA	No		
7	City Centre Mall	Farm Raod, Modipara	NA	Yes	2016	
8	Bazar Kolkatta	Nayapara	NA	No		
9	Hotel Nikki	VSS Marg	NA	Yes	2016	
10	Hote Sheela Tower	VSS Marg	NA	Yes	2016	
11	Hotel Upahar Palace	VSS Marg	NA	Yes	2016	
12	Hotel Harjit Residence	VSS Marg	NA	Yes	2016	
13	Hote Grand Shiva	Budharaja	NA	No		
14	Hotel Dolphine	Ainthapali	NA	Yes	2016	
15	Hotel Maa Promoda	Baraipali	NA	No		
16	Appartment	Khetrajpur	NA	No		

17	Appartment	Khetrajpur	NA	No		
18	Swarna Tower	Baraipali	NA	No		
19	Greater Sambalpur	Baraipali	NA	No		
20	Appartment	Ainthapali	NA	No		
21	Appartment	Ainthapali	NA	No		
22	Appartment	Budharaja	NA	No		
23	Appartment	Budharaja	NA	No		
24	Appartment	Dhankauda	NA	No		
25	Appartment	kainsir	NA	No		

(As per National Building Code -2016 Para E-7 of Annexure E**)**

Embankments:

Table No.3-26 Irrigation Division Wise Embankments in the District:

Sl. No.	Division	Name of the Embankment	Type (Capital Embankment/ Other Agricultural/	Length (in Km.)

			Test Relief/ Saline)	
1	Sambalpur Irrigation Division, Sambalpur	Flood embankment cum Ring Road of Sambalpur Town from RD 3.000 to 7.000 K.M.	OAE	4.000
2		Flood embankment of Haradjore U/S left Bank of bridge near Govintola in Sambalpur Town.	OAE	1.215
3		Flood Embankment of Haradjore D/S Right Bank of bridge near Govintola in Sambalpur Town.	OAE	0.925
4		Maltijore near village Baham	OAE	1.850
5		Kutasingha at Khaldhar of Naktideul Block	OAE	0.280
6		LB of river Bheden near Barakhandia	TRE	0.150
7		Larh of Kuchinda Block	OAE	0.350
8		Tanmura under Kuchinda Block	OAE	0.270
9		Bhadelbasa near vill. Jamankira	OAE	0.180
10		Village Saida under Kuchinda Block	OAE	0.600
11		Bijagarh under Naktideul Block	OAE	0.550
12		LB of river Bheden near Lasa	TRE	4.500

13		RB of Tikira near Kanchanpur	TRE	0.300
14		LB of river Tikira near Pitasarai	TRE	1.500
15		LB of river Tikira near Uppermunda.	TRE	2.000
16		RB of river Tikira near village Batgaon	TRE	0.780
17		RB of river Tikira near village Girischandrapur	TRE	0.150
18	Main Dam Division Burla	Left flood embankement in downstream of Hirakud Dam Project.	REM	1.800

Table No.3-27 Division wise list of Vulnerable Points:

Sl. No.	Name of the Division	Name of the Embankment/ River	Location of the Vulnerable Point	Affected Length (in Mtr.)	Name of the Block	Name of the Villages to be affected
1	Sambalpur Irrigation Division	NIL				
2	Main Dam Division, Burla	NIL				

3.3.25 Dam- Burst Scenario: (For large Dams)

Sl. No.	Name of the Dam	Location & Water body	Type (Major/ Medium/ Minor)	Storage Capacity	Full Reservoir Level (FRL)	Maximum Water Level (MWL)	Dam Break Model / Risk Map for Dam break developed ? (Yes/No)	Pre and Post Monsoon Inspection of Structural Measures done ? (Yes/ No)	No. of Villages to be affected/ needs to be evacuated in case of a possible scenario (District & Block Wise)	Remarks

1	Hirakud Dam, Burla	Burla, Sambalpur District	Major	3.91 M.ac.ft	630.00 Feet	630.00 Feet	Yes Processed by the Dam safety Organisation, BBSR	Yes	Yet to be finalised	

3.3.26 Contingency Planning for Dam bursts scenario:

Table No.3-29 For Dam - A

Sl. No.	District	Block	Name of the Village	Evacuation Route for the village/s	No. of HHs	Population	Safe Shelter Identified	Remarks
1	Main Dam Division, Burla	Habitation adjacent to river Mahanadi	Habitation adjacent to river Mahanadi	Yet to be finalized	Yet to be finalised	Yet to be finalised	Yet to be finalised	Yet to be finalised
2	Minor Irrigation	NIL						

Table No.3-30 For Dam - B

3.3.27 Formation and Subsequent Bursting of Landslide Dams:

Table No.3-31

Sl. No.	District	Block	Name of the Village	Evacuation Route for the village/s	No. of HHs	Population	Safe Shelter Identified	Remarks
1	Main Dam Division, Burla	Habitation adjacent to river Mahanadi	Habitation adjacent to river Mahanadi	Yet to be finalised	Yet to be finalised	Yet to be finalised	Yet to be finalised	Yet to be finalised
2	Minor Irrigation	NIL						

Sl. No.	Land Slide Area/ Location Vulnerable for formation of land slide Dams	No. of Villages likely to be affected	Population to be affected
1	Main Dam Division, Burla	Yet to be finalised	Yet to be finalised
2	Minor Irrigation	NIL	

3.3.28 Cultural Heritage Sites and Precincts:

Table No.3-32

Sl. No.	Cultural Heritage site/precinct	Address/Location	Category (Centrally Protected Monument/ State Protected/ UNESCO World Heritage Site/ Unprotected Monument)	Name & Contact details of the Controlling/ Supervising Authority at the district level	Hazards & Vulnerability of the Place	Remarks (if Any) (Average Foot Fall and Days/ Period during which the place

						receives highest Foot Fall)
1	Samaleswari Temple	Sambalpur	State protected			
2	Patneswari Temple	Sambalpur	Unprotected Monument			
3	Anantasayi Vishnu Temple	Sambalpur	Unprotected Monument			
4	Gopalji Math	At- Kamli Bazar, Sambalpur	Unprotected Monument			
5	Bada Jagannath Temple	At- Kamli Bazar, Sambalpur	Unprotected Monument			
6	Bimaleswar Leaning Temple	At- Huma, Sambalpur	State Monument			
7	Mandhata Siva Temple	At-Maneswar, Sambalpur	State Monument			
8	Somanath Temple	At- Balibandha, Sambalpur	State Monument			
9	Budharaja Temple	Sambalpur	State Monument			
10	Balunkeswar Temple	At- Nandaparda, Sambalpur	Unprotected Monument			
11	Loknath Temple	At-Jharuapada, Sambalpur	Unprotected Monument			
12	Jageswar Temple	At-Mudipada, Sambalpur	Unprotected Monument			
13	Gupteswar Temple	At- Muncipality Office, Sambalpur	Unprotected Monument			
14	Siddheswar Berna Temple	Back Side of the G,M College, Sambalpur	Unprotected Monument			

15	Bhubaneswar Temple	Ramsagar Pond, Sambalpur	Unprotected Monument			
16	Kuha Jagannath Temple	Sambalpur	Unprotected Monument			
17	Brahmapura Temple	At-Jhruapada, Sambalpur	Unprotected Monument			
18	Ramji Temple	At- Balibandha, Sambapur	Unprotected Monument			
19	Madanmohan Temple	Sambalpur	Unprotected Monument			
20	Lodukeswar Temple	At- Khetrajpur, Sambalpur	Unprotected Monument			
21	Raghunath Temple	At-Marwaripara, Sambalpur	Unprotected Monument			
22	Rani Math	At- Bhatra, Sambalpur	Unprotected Monument			
23	Raghunath Gudi	At- Bhatra, Sambalpur	Unprotected Monument			
24	Dadhibamana Temple	Sambalpur	Unprotected Monument			
25	Dani Math, Balaji Temple	Sambalpur	Unprotected Monument			
26	Sakhi Gopinath Temple	At- Sakhipada, Sambalpur	Unprotected Monument			
27	Jagannath Temple	At- Mudipada, Sambalpur	Unprotected Monument			
28	Hotapada Gudi	Sambalpur	Unprotected Monument			
29	Gaur Math	Sambalpur	Unprotected Monument			
30	Bariha Gudi	Sambalpur	Unprotected Monument			
31	Koshaleswari Temple	At- Kanslei, Sambalpur	Unprotected Monument			
32	Satyabadi Temple	At- Hatpara, Sambalpur	Unprotected Monument			

33	Liakhai Gudi(Vaisnaba Gosai Math)	Sambalpur	Unprotected Monument			
34	Ushakothi Wildlife Sanctuary	At-Jamankira, Sambalpur	State protected			
35	Natraj Siva Image	At-Durgapali, Sambalpur	Unprotected Monument Archaeological sites			

3.3.29 Museums: Table No.3-33

Sl. No.	Name of the Museum	Location and Address	Type	Category/ Controlling Body (ASI/ Central Government/ State Government/ Private/ Public Trust/ Privately Managed/ University/ College)	Name & Contact details of the Controlling Authority/ Owner	Hazard & Vulnerability	Average Foot Fall and Days/ Period during which highest Foot Fall is received)	Remarks (if any)
1	Freedom Fighter Memorial Museum	At-SDA Park, (Ring Road) Sambalpur	Archaeological, Art & Craft, Educational	Private Body	Senior Citizen Association, Sambalpur	No	Independence day, Republic day&Veer Surendra Sai Jayanti	

3.3.30 Human Animal Conflict:

Table No.3-34 (i) Loss of Human Lives and Property due to animal attack-

Sl. No.	Vulnerable Place (Village/ Panchayat etc.)	Causing Agent/Animal (Elephant, Bear, Crocodile etc.)	Number of Human Lives lost during last 5 years	Damage to House and Property during last 5 years	Crops Damaged
1	NA				

Table No.3-35 (ii) Loss of Animal Lives due to man-made causes

Sl. No.	Vulnerable Place/ Location	Causing Agent (Railway line/ Electric transmission lines etc.)	No. of Incidents	Number of Animal Lives lost
	NA			

*****

Disaster Risk Reduction (DRR) Plan for Line Departments in Sambalpur District for the year 2025.

Sl. No	Line Departments	Planning	Output	Types of Disaster will be address
1	DRDA, Sambalpur, BDOs (Department of Panchyati Raj and Drinking Water)	Planning for Disaster Resilient Houses under IAY, PMAY, Biju Pucca Ghar.	Houses will be sustainable and disaster resilient in all situation. As a result both the Govt. and the dwellers will bear less cost in maintenance. Causalities will be minimized.	Natural Disaster(Flood/Earthquake) Even fire accidents will be checked.
		Every beneficiaries will be involved in the kitchen garden practices	The beneficiaries will get nutritious vegetables and health indicators will be addressed.	Health disorders like, malnutrition will be checked. Quality of life will be enhanced. As a result health sector investment will be minimize.
		Involve in Designing process of public utility buildings with Engineers/ Architects for practicing of disaster resilient	Due to proper planning, big Infrastructures will be disaster resilient. Both the residents and periphery communities will live in safe environment.	Both Natural and man- made disasters will be avoided.

2	CDAO, Sambalpur (Department of Agriculture and Farmers Empowerment)	Creation of awareness among Farmers to adopt Crop Diversion practices for combating against scarcity of agricultural products.	Major crops like paddy, pulses, cereals & millets and vegetable will be produced. People will get harvested food products in all seasons. There will be no gap between supply and demand. Livelihood status will be enhanced and people will come under economic empowerment.	Natural Disaster(Drought/Famine)
3	DDH, Sambalpur (Department of Agriculture and Farmers Empowerment)	Plantation of fruit bearing trees in barren and community lands with the help from communities	Sufficient fruit will be produced. There will be no gap between supply and demand. Self reliant in fruits production. Employment will be generated.	Natural Disaster (Drought/Famine)
4	CDVO, Sambalpur (Department of Fisheries and Animal Resources Development)	Awareness generation among farmers to adopt Cattle Breed Improvement Programme for increase in Breedable population	Sufficient milk production will be enhanced. Protein rich food product will be generated. Increase in animal population. Organic manure will be generated.	Manmade Disaster (food scarcity in panic times)

		among domestic animals and fodder cultivation practices		
5	Director Fisheries, Sambalpur (Department of Fisheries and Animal Resources Development)	Pisciculture activities will be promoted in existing water bodies.	Water bodies, like ponds will be cleaned and maintained. Siltation will be checked. As a result, Rain Water will be stored and community will use the water in summer season, Flood control will be managed through ponds and its outlets.	Natural Disaster (Flood/Drought) Manmade Disaster (Water scarcity)
6	DFO, Sambalpur, (Department of Forest & Environment.)	Plantation programme in degraded forest land by involving communities and VSS and Forest fire Management during the month of (February to April every year)	Forest cover will be increased and Ecological balance will be maintained. People will get sufficient forest and NTFP products.	Natural Disasters (Fire/ Flood/ Drought)

7	District Urban Development agency (DUDA), Special Planning Authority (Town planning), and ULBs of Sambalpur District. (Department of Housing and Urban Development)	Awareness among urban inhabitants to construct their Homes and Infrastructures as per Town Planning and construction of rooftop water harvesting structures for ground water recharge. Plantation of at least one or two plant in backyard/in front of their home (as per availability of land) Cleaning of natural drainage line by involving the community people, ULBs members and staffs to take sufficient preventive measures to check urban flooding. Monitoring of Public utility Infrastructures and	Due to proper Town planning, the road and street will be hassle free for movements. Prober drainage and sewerage system will be maintained. In Rainy season the excess rain water will freely flow and water will not clogged in street and roads. Greenery will be maintained and environmental pollution will be checked. Due to blockage and unnecessary encroachment over natural drainage line the urban flood situation are arising and alarming. So, all preventative measures will be ensured to check the urban flood. All types of safety related mechanisms will be ensured.	Natural Disaster(Flood/Earthquake/Fire/Heat wave/ unseasonal weather)

		identification of its Disaster related vulnerability. Planning of Garden and tree plantation in newly constructed office premises and Residential Colonies. Monitoring of Rooftop ceiling of GI Sheet on the top of Infrastructures will be checked.	When, a Disaster like situation will be arise then, proper rescue and evacuation will be done. Greenery and Environment will be ensured. Heat wave radiation will be increased and during whirlwind adverse effect to the concerned households and its periphery.	
8	EE, RWSS and Drinking Water, Sambalpur (Department of Panchyati Raj and Drinking Water)	Planning for safe drinking water facilities for every HHs in both urban and rural pockets of the district. Periodic maintenance and repair of broken pipes to avoid water scarcity and	Provision for safe drinking water. Avoid of any kind of water borne diseases like Jaundice. Sufficient safe drinking water	Water Borne Disaster (Jaundice) Manmade Disaster (Water Scarcity)

		any kind of water borne diseases like Jaundice		
9	SE & EE, Irrigation (MI/LI), Sambalpur. (Department of Water Resources)	Planning for irrigation facilities for farmers for cultivation practices in barren land.	Increase in irrigation areas and cropping pattern will be enhanced.	Natural Disaster (Rain/Flood/Famine/Drought)
10	SE and EE, TPWODL, Sambalpur Electricity and Energy (Department of Energy)	Cutting of tree branches which are felling on electricity lines in regular interval to avoid any untoward incidents.	Life will be saved during heavy rain and wind. Electricity incidents will be avoided and supply will be ensured	Natural Disaster (Wind/Rain)
12	SP, Sambalpur. AFO (Fire Services), ODRAF (Fire, Police, NDRF and ODRAF)	Conduct of Mock Drill exercises at Hospital, Schools, Colleges, cinema halls, shopping complex/Malls, public gathering places like Bus Stand, religious places, picnic spots and high raised buildings/Apartments	Safety precaution will be ensured in people gathering places and Institutions.	Natural Disasters (Fire/ Earthquake/Flood etc.)
13	RTO, Sambalpur	Planning for identification of Black (accident) spots in the district and provision for	Accidental death will be minimized.	Manmade Disaster (like reckless driving)

	(Department of Commerce and Transport)	awareness of safe driving in this accident prone roads. Awareness among wearing of Helmets while driving two wheelers.		
14	CSO, Sambalpur (Department of Food Supplies and Consumer Affairs)	Every eligible family will be come under NFSA and their starvation death will be avoided. Monitoring of Petrol Pumps and LPG Gowdans for ensure of safety related SOPs	Starvation death will be checked and poverty will be reduced. Fire and Gas leakage incidents will be avoided.	Food security and Poverty alleviation. Fire and Gas leakage.
15	Project Director, Watersheds, Sambalpur (Department of Agriculture and Farmers Empowerment)	Plantation in barren land through MGNREGA funds and construction of contour bounding/ guard wall to prevent soil erosion.	Soil erosion will be checked and ground water table will be stable.	Natural Disasters (Flood/Drought)
16	DSWO, Sambalpur. (Department of Women and Child	Involvement of AWWs and women SHGs in different types of awareness programme on	Disasters related IECs and information will be disseminated to every pockets of Sambalpur.	All types of Disaster

	Development)Mission Shakti	dissemination of Disasters related activities.		
17	DEO, Sambalpur (Department of School and mass Education)	Ensure children friendly atmosphere and School safety programmes. Dissemination of IEC knowledge on Disasters to children. Arrangement of Mock drills exercises in Schools.	Children and schools authorities will gain knowledge on Disasters and they can save themselves from any kind of Disasters	All Types of Disasters
19	CDMO, Sambalpur (Department of Health and Family Welfare)	Involvement of Health Officials, ANMs, ASHAs in different types of Disasters related awareness and take their help during any kind of disasters (including pandemic, epidemic) for quick response.	Quick Response will be initiated and minimized the causalities.	All Types of Disasters
20	Deputy Labour Commissioner,	Database on movement of all registered and non-	Migrants Labour can be evacuated and repatriated during the time of	All types of disasters

	Sambalpur (Department of Labour and Employee State Insurance)	registered migrant labour will be updated and keep in official records for tracking.	any kind of disasters outside the states	
21	DSSO, Sambalpur (Department of Social Security and Empowerment)	Database of old aged persons, senior citizens, PWD and other vulnerable groups. Involving all eligible persons under Social security schemes.	These groups of people are most vulnerable to any type of disasters. So, they can be respond immedieatly and evacuated during the Disasters situations. Social Security of eligible person will be ensured.	All types of disasters

Chapter 4 Institutional Arrangement

4.1 National Disaster Management Authority (NDMA)

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

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

4.2 National Executive Committee (NEC)

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

The Union Home Secretary is the Chairpersons (ex-officio) of NEC. The Secretaries to the Government of India in the ministries/departments having administrative control of the agriculture, defense, drinking water supply, environment and forest, finance (expenditure), health, power, rural development, water resources and the Chief of the Integrated Defence Staff of the Chiefs of Staff Committee as members of NEC.

4.3 State Disaster Management Authority (SDMA)

The State Disaster Management Authorities (SDMA) has to be constituted by every state government under the sub-section (1) & (2) of section 14 of Disaster Management Act 2005. Hon'ble Chief Ministers of the state are the Chairpersons (ex-officio) of SDMA and other members not exceeding than eight may be nominated by the Chairpersons. The Chairman of the State Executive Committee (SEC), Chief Secretary of the State is a member and Chief Executive Officer (ex-officio) of SDMA

4.4 State Executive Committee (SEC)

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

4.5 Revenue and Disaster Management Department:

The Revenue and Disaster Management Department is responsible for providing immediate relief to the people affected by various calamities like floo4.4ds, droughts, cyclones, hailstorms, earthquakes, fire accidents, etc. It also takes initiatives for relief, rescue, rehabilitation and restoration work. The Department is headed by the Principal Secretary/Addl. Chief Secretary, Revenue and Disaster Management Department who exercises all administrative and financial powers.

4.6 Special Relief Organization:

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

4.7 Odisha State Disaster Management Authority (OSDMA):

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

4.8 State Level Committee on Natural Calamity (SLCNC)

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

4.9 District Disaster Management Authority (DDMA)

4.9.1

Under the sub-section (1) of section 14 of DM act 2005.District Disaster Management Authority has been constituted by the State Government.

The District Disaster Management Authority (DDMA) consists of the Chairperson and such number of the other members, not exceeding seven, as may be prescribed by the State Government, and unless the rules otherwise provide, it shall consist of the following namely:-

a) The Collector or District Magistrate or Deputy Commissioner of the District is the Chairperson *(ex-officio)* of DDMA.

b) The elected representative of local authority is the Co-chairperson *(ex-officio) of DDMA.*

c) Provided that in the Tribal Areas, as referred to in the Sixth Schedule to the Constitutions, the Chief Executive Member of the district council of autonomous district, shall be the co-Chairperson, *ex officio*

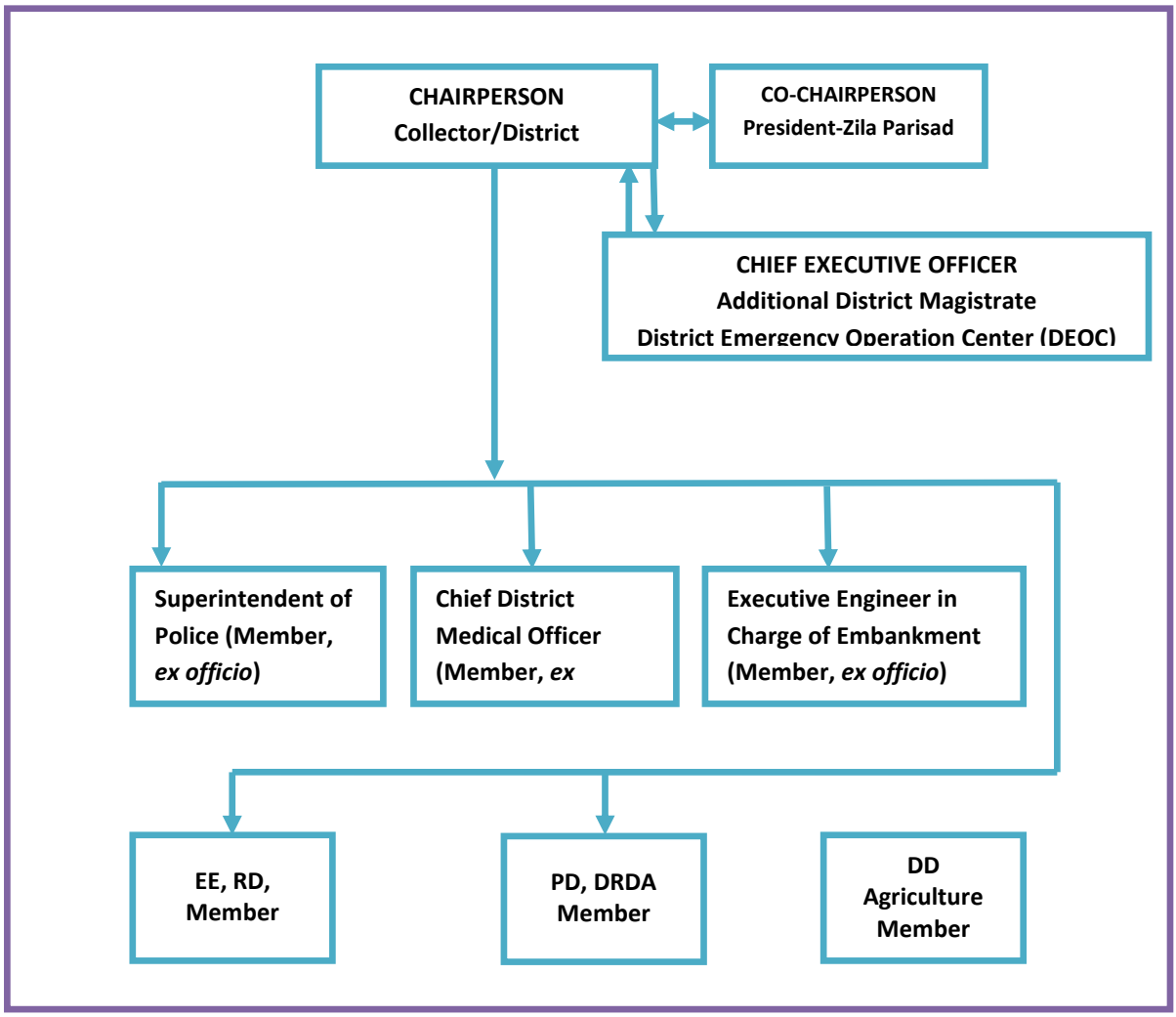
d) The Chief Executive of the District Authority ,ex officio;

e) The Superintendent of Police, ex officio;

f) The Chief Medical Officer of the district, ex officio;

g) Not exceeding two other district level officers, to be appointed by the State Government

4.9.2 Organogram of District Disaster Management Authority



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

To assist the DDMA the District Disaster Management Teams (DDMT) are constituted vide office order no.1113 dt.07-10-2010 of Collector, Sambalpur with distinct roles and responsibilities.

- **Information Management Team:**
  DI & PRO, Sambalpur, Station Director- AIR, Sambalpur, District Telecom officer, District control Room, Police Control Room

- **Food & Social Security Team:**

PD (DRDA), Sub-Collector, Sambalpur/ Patnagarh/ Titilagarh/ All Tahasildar, All BDOs, DSWO, DWO, Civil Supply Officer, District Panchayat Officer, District Labour Officer.

- **Water Management Team:**
  EE (Irrigation), EE (MIP), EE (OLIP), AE (Agriculture), EE (RWSS), PD (Watershed).

- **Livelihood Team:**
  DDA, Sambalpur, DDH Sambalpur, and DAOs, Horticulturist, CDVO, Asst. Director (Fishery), DFO (Kendu leaf), PD (Watershed), DSMS, GM-DIC, NGOs.

- **Forest & Environment Team:**
  DFO, Sambalpur/ NGOs

- **Rescue & Evacuation Team:**
  SP, All Sub Collector, Dist. Fire Officer, ODRAF team

- **Emergency Health Management Team:**
  CDMO, Red Cross, Representative Private Hospital, CDVO, NGO Coordination Cell

- **Relief Management Team:**
  ADM, Sub-Collector, Sambalpur/ Patnagarh/ Titilagarh/ All BDOs, All Tahasildars, Addl SP, NGOs/INGOs

- **Infrastructure Management Team:**
  EE (R&B), EE (RD), EE (WESCO), APD (Technical), DRDA, EE (NHAI), District Panchayat Officer, NGOs/ INGOs

4.10 District Level Committee on Natural Calamity (DLCNC)

The Codal provision of Odisha Relief Code envisages the constitutions of District Level Committee on Natural Calamity (DLCNC) which is the apex committee at the district to monitor preparedness and suggests improvement in the response mechanism and finalizes the district disaster management plans. The members of DLCNC are as follows:

Structure of District Level Committee on Natural Calamity

Sl No.	Designation	Position in DLCNC
1	Collector	Chairman

2	Zillaparishad Chairman	Co-Chairman
3	Superentendent of Police	Member
4	Additional District Magistrate I/C	Convenor
5	PD DRDA	Member
6	CDM&PHO	Member
7	EE, Main Div Burla	Member
8	Executive Engineer RD	Member
9	Chief District Agriculture Officer	Member

.

4.11 National Disaster Response Force (NDRF)

The Disaster Management Act 2005 has made the statutory provisions for the constitution of the National Disaster Response Force (NDRF) for the purpose of specialized response to natural and man-made disasters. The NDRF comprises of 12 units of Central Paramilitary Forces (CPMF) that includes 3 units each from Central Reserve Police Forces (CRPF) and Boarder Security Forces (BSF) and 2 Unit each from Central Industrial Security Forces (CISF), Indian Tibbet Boarder Police (ITBP) and Sahastra Seema Bal (SSB).

4.12 Odisha Disaster Rapid Action Force (ODRAF)

The Government of Odisha formed Odisha Disaster Rapid Action Force (ODRAF) vide notification no.939/CD dated 07.06.2001. ODRAF is a multi-disciplinary, multi-skilled, high-tech force for all types of disasters. The ODRAF units are strategically located throughout Odisha. Locations of these units are identified on the basis of vulnerability profile to cut down the response time for their deployment. The ODRAF Units do not have any geographical /territorial restrictions in terms of area of operation. Besides, 10 new units of ODRAF have been proposed to set up at different locations like Sambalur, Boudh, Kalahandi, Nawarangpur, Gajapati, Berhampur, Puri, Khorda, Kendrapada and Jajpur

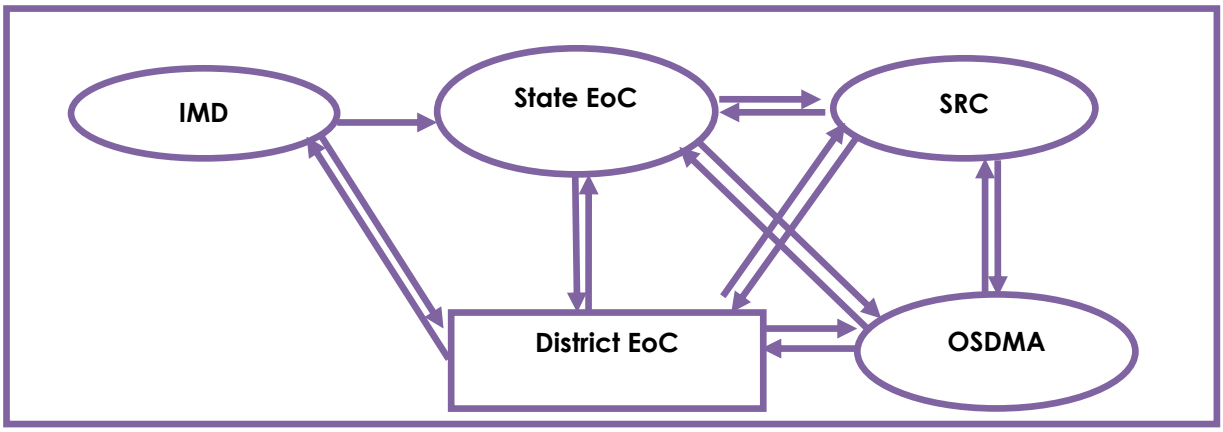
4.14 Emergency Communication System

4.14.1 State Emergency Operation Center (SEOC)

The State Emergency Operation Centre has been made operational at Rajiv Bhawan, Bhubaneswar with state of art communication net-work. The State EOC functions round the clock throughout the year. The Organisation is headed by the Special Relief Commissioner (SRC) who exercises all administrative and financial powers. He is assisted

by a group of experienced officers and staff. During any natural disaster, the office functions round the clock in an emergency mode.

Figure nformation flow chart from SEOC to Districts



4.14.2 District Emergency Operation Centers (DEOC)

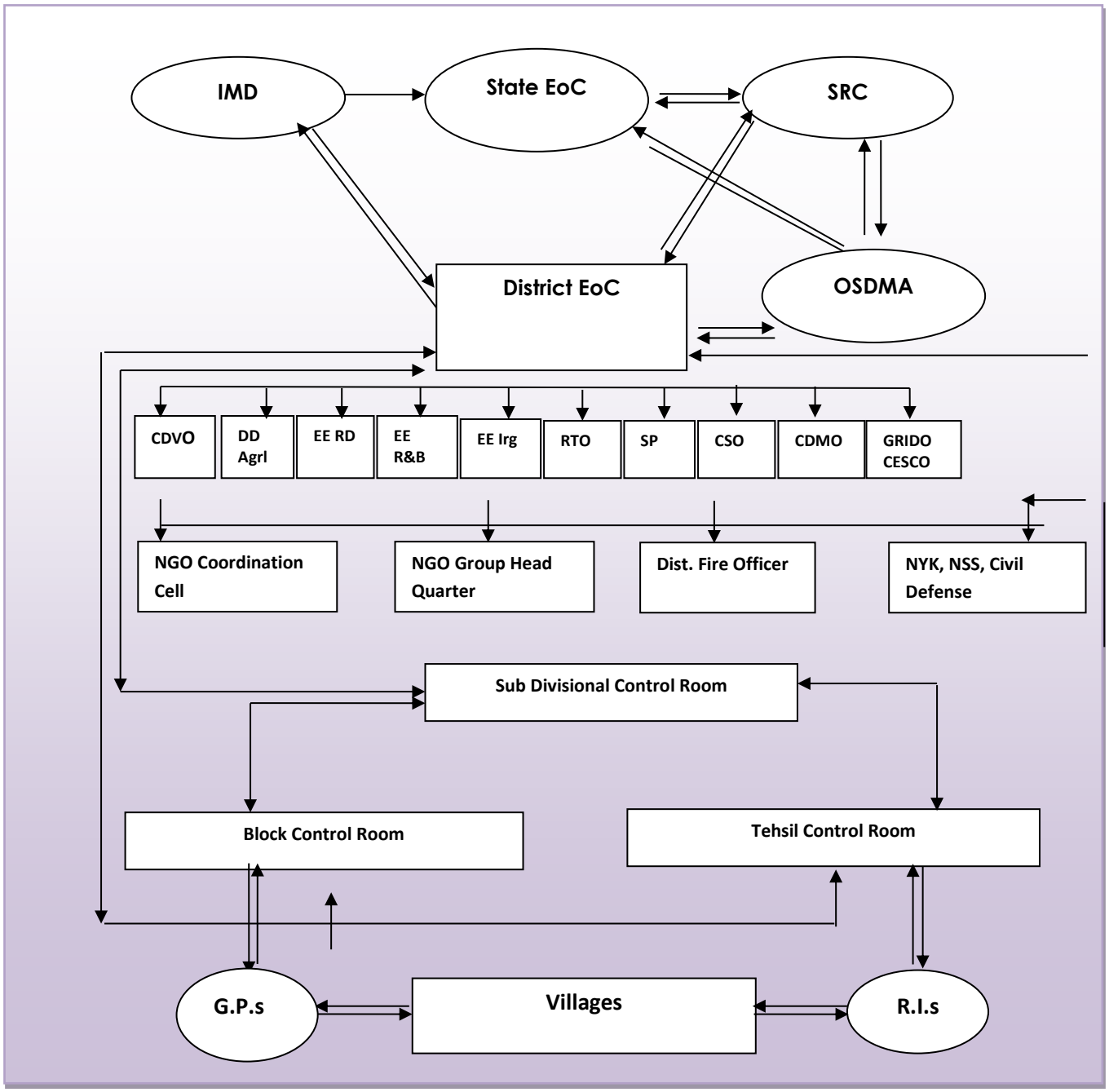
The District Emergency Operation Centre (DEOC) is functioning at District Emergency Section Collectorate, Sambalpur. The DEOC is headed by the Collector and District Magistrate, Sambalpur. District Emergency Officer (DEO) functions as the officer-in-charge and looks after the day to day operation of DEOC under the guidance of Addl. District Magistrate, Sambalpur. DEO is assisted by a District Project Officer (DPO) and Disaster Risk Reduction (DRR) Consultantand other ministerial staff. 1077 disaster helpline number is active in the district. The helpline is under the supervision of DEO, Sambalpur. During any natural disaster it functions round the clock (24x7) for the purpose of receiving warnings and other information and in normal times it works in official hours from 10.00 am to 5 pm.

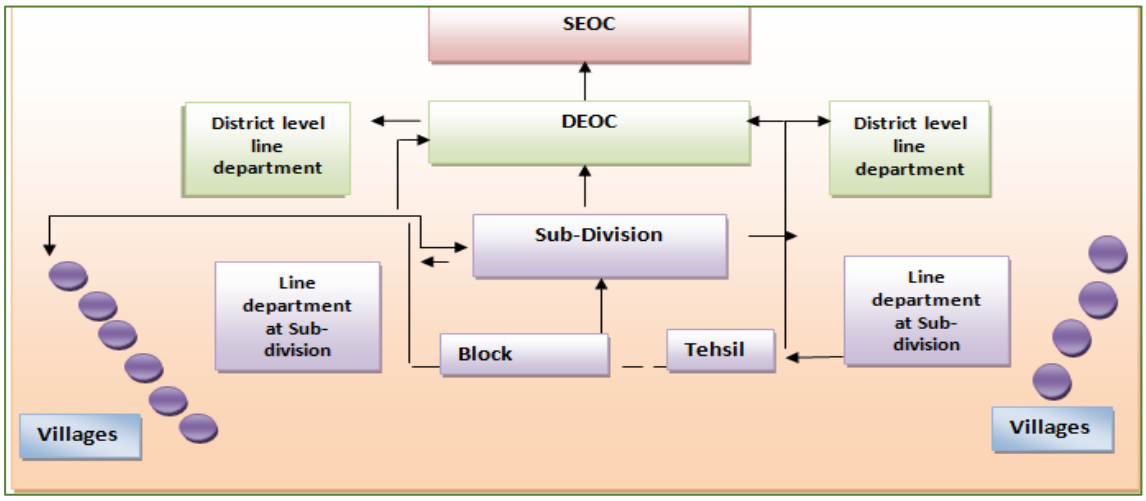
Equipment provided to DEoC and their operational status

Sl No.	Equipments	Unit	Status		Remarks
			Operational	Non-Operational	
1	Desktop Computer	2	yes		
2	Laser Printer	1	yes		
3	UPS	1	yes		
4	Scanner	1	yes		
5	Fax	1		yes	
6	Ink Jet Printer	0			

7	Multi Utility Machine (Printer, Scanner, Fax, copy)	3	yes		FAX facility is no with the printer
8	Laptop	0			
10	LCD Projector	1	yes		
11	Photocopier	0			
12	GPS Unit	0			
13	Satellite Phone	1	yes		
14	VHF Sets	1		yes	Need to be set in operation by technical person.
15	VHF Mobile Station	0			
16	Walkie-Talkie (VHF hand Set)	0			
17	Portable Diesel Generator	1			
18	Inverter with Battery	1	yes		
19	Inflatable Tower Light	2		yes	
20	Power Saw	1		yes	Power saw is in Fire department, Sambalpur.
21	Life Jacket	5	yes		
22	Life Buoy	5	yes		
23	Aluminum Ladder	0			
24	Fire Extinguisher	3	yes		
25	Siren	1	yes		
26	Megaphone	0			
27	Colour TV/Stand	1	yes		
28	Mobile Phone	1		yes	
29	Display Board	1	yes		
30	White Broad	1	yes		
31	Computer Table/Chair	5/5	yes		Due to renovation of the office it is shifted to other department.
32	Rack	3	yes		Due to renovation of the office it is shifted to other department.
33	Book Case	1	yes		Due to renovation of the office it is shifted to other department.
34	GI Trunk	26		yes	
35	Commando Search Light	1	yes		
36	Steel Almirah	3	yes		Due to renovation of the office it is shifted to other department.

Information flow chart from DEoC to Villages with early warning

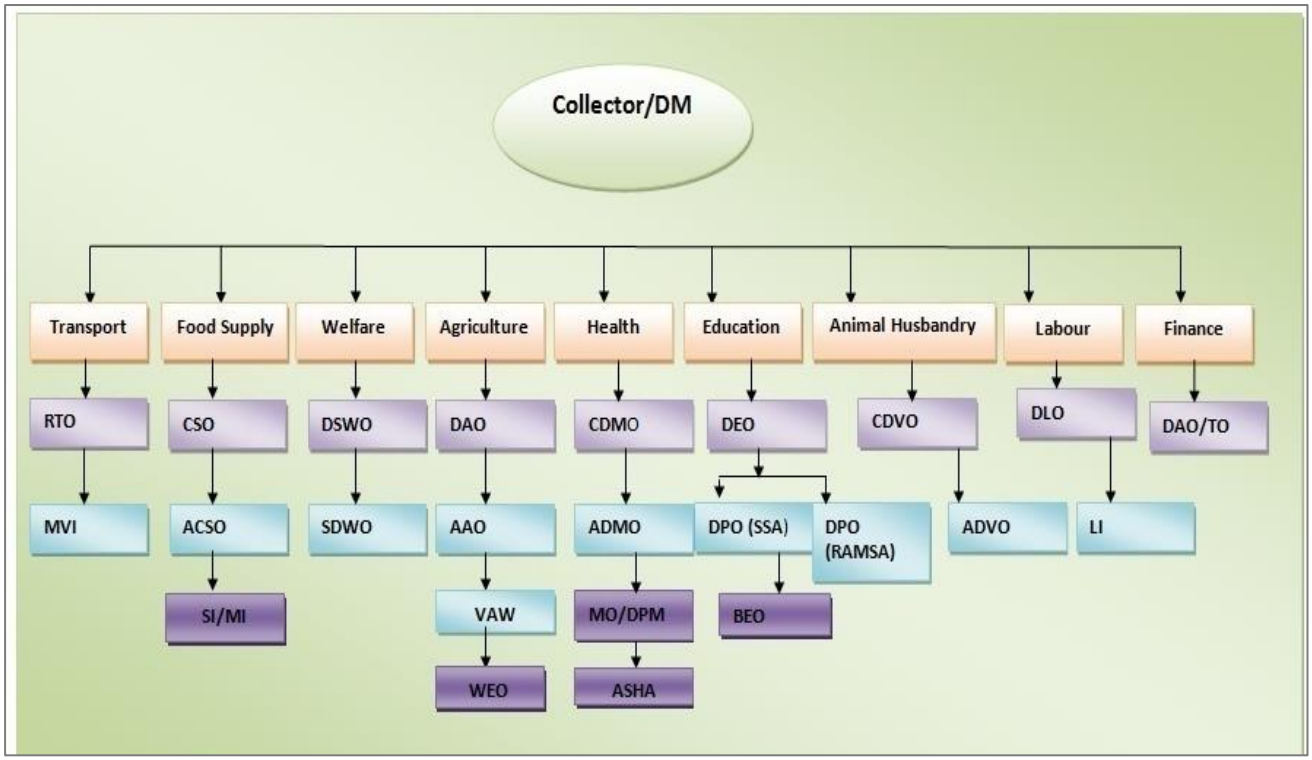




4.6.3 Block Emergency Operation Center (BEoC)

Block Emergency Operation Centers operate at Block and Tahasil level work round the clock during summer and rainy season to tackle the heat waves and flood situation (June to October) at block/tehsil level These emergency centers are headed by the concerned the head of the office. BDOs are assisted by Extension Officers. Similarly Tahasildar are supported by Revenue Inspectors and other staff. Such Emergency Operation Centers follow the Standard Operating Procedure (SoP) prescribed by the Govt. from time to time.

Coordination structure at the District level and down the line



4.7 GO-NGO Coordination before and after disaster in the district

The DM Act 2005 recognises that sometimes the development patterns that do not recognize disaster risk and vulnerability in the specific geographic areas may induce disasters. The proactive approach in the DM Act 2005 to address disaster risk and vulnerability through pre-disaster preparedness and mitigation activities also envisions accountability and multi stakeholder participation, including coordination of the activities of the NGOs at various levels. Sections 30 (2) (xix) of the Act mandate the DDMA for collaboration with stakeholder agencies including NGOs for the purpose of improving the effectiveness of DM. As on date, role of NGOs/CBOs has not been explore in Sambalpur. Hence, a district level NGO Coordination Cell to be set up with the following points.

Sl. No.	Name of the NGOs	Address	Name & Designation	Contact No.
1	Dr. Baba Saheb Ambedkar Yubak Sangha	Thelcopada	Samanta Bhorasagar	7377191771
2	UTSARGA	Gaiety Road	Sudhir Pujari	9437052222

3	Social Star Club	Near Hindi High School, Nayapada	Manas Ranjan Padhi	9437345972
4	Gurudwara Prabandhak Committee	Modipara	Barnala, President	8596031033
5	Sunday Group	Ramjee Mandir	Satya Thakur	9439272216
6	Satyasai Sewa Samiti	Bhutapara	Bhisma Ku. Dev	9437737708
7	Sambala	Near Samaleswar Temple	Ramdas Panda	9937945377
8	Odisha Sanskrutika Samaj	Law College Road	Prafulla Hota, President	9437055887
9	Marwari Yuba Manch	Kansaripada	Nanda Kishore Agrawal, President	9861094302
10	Adarsh Sishu Mandir	Dhanupali	Haris Chandra Das, Secretary	9776922208
11	Sankalpa	NSCB College Road, Dhanupali	Sushanta Kaur, Secretary	8457977633
12	Marwari Yuba Manch, Khetrajpur	Khetrajpur	Sankar Pansari, President	9437220143
13	Sambalpur Jana Shakti Mancha	Laxmi Niwas, Gole Bazar	Satyendra Kumar Dash	9437257919

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

Table No.4-13

Sl. No.	Name of the Volunteers	Adress	Contact No.
1	Souri Narayan Panigrahi	Gopalmal	9437346485
2	Gokul Meher	Marwaripara	9437347373
3	Sudhir Pujari	Sakhipara	9437052222
4	Col. Prabhat Panda	Dalaipada	9437001383
5	Raja Baral	Nandapada	9437258302
6	Benudhar Das	Nandapara	9439757818
7	Md. Snaullah	Marwaripara	9776257787
8	Annapurna Barik	P&T Colony	9437428838

4.9 Multi Purpose Cyclone Shelters (MCS) in the district

No multipurpose Cyclone Shelter is constructed in Sambalpur district.

4.10 Flood Shelters (FS) in the District

a. Details of the Four Flood Shelter Management and Maintenance Committee (FSMMC) of Sambalpur district as follows.

Table No.4-10

Details of Flood Shelter Management and Maintenance Committee (FSMMC)						
Sl No.	Name of the FS	Location	Name of President	Contact No.	Name of Secretary	Contact No.
1	Binakhandi Multi Purpose Flood Shelter	Binakhandi,Sambalpur Municipalty	SMC Dy. Commisioner	7--8606681	Sasmita Deep	9777325221
2	Samleswari College Multi Purpose Flood Shelter	Talbhatapara,Sambalpur Municipalty	SMC Dy. Commisioner	7008379216	Chandra Sekhar Patra	7978372009
3	Chaurpur Multi Purpose Flood Shelter	Chaurpur,Sambalpur Municipalty	SMC Dy. Commisioner	7008379216	Rupam Dharua	9658143524
4	Dhama Multi Purpose Flood Shelter, Dhama	Dhama, Maneswar Block	Mrs. Lalita Padhan	6372463670	Gobinda Chandra Pattanaik	9437654372

Table No.4-11 : Equipments provided to the FS

Sl No.	Name of the MPFS	Location	Equipments Provided	Status		Remarks
				Operational	Non Operational	
1	Binakhandi Multi Purpose Flood Shelter	Binakhandi, Sambalpur Municipalty	Yes	Yes		All 32 kinds of equipements supplies, except dustbins.
2	Samleswari College Multi Purpose Flood Shelter	Talbhatapara, Sambalpur Municipalty	Yes	Yes		All 32 kinds of equipements supplies, except dustbins.
3	Chaurpur Multi Purpose Flood Shelter	Chaurpur, Sambalpur Municipalty	Yes	Yes		All 32 kinds of equipements supplies, except dustbins.
4	Dhama Multi Purpose Flood Shelter, Dhama	Dhama, Maneswar Block	Yes	Yes		All 32 kinds of equipements

						supplies, except dustbins.

4.12 Other Identified Safe temporary shelters in the district-

Sl No.	Block/ULB	GP/Area	Village	Name of the the Institutions/Buildings	Type of Roof	No. of Rooms Size	No. of Toilets (M/F)	Availability of Kitchen	Total useable area
1	Dhankauda	Bishalkhinda	Bishalkhinda	Bishalkhinda NUPS	Asbestos/ RC	10	5	yes	0.5
2	Dhankauda	Kilasama	Kilasama/ Padhanpali/ Balbaspur	Schools/ community Hall	RC	5	2	yes	NA
3	Dhankauda	Sason	Ranikhinda/ Sason/ Sadhasingha	Schools / BNRGSK/ Community Hall	RC	5	2	yes	0.3
4	Dhankauda	Kankhinda	Kankhinda/Majhi Pali	Schools/ community Hall	RC	5	2	yes	0.5
5	Dhankauda	Talab	Talab / Jamadarpali	Schools/ community Hall	RC	5	2	yes	0.05
6	Dhankauda	Kalamati	Kalamati/ Goshala/ Babubandh	Schools/ community Hall	RC	5	2	yes	0.05
7	Dhankauda	Basantpur	Sahajbahal/ Gadmunda	Schools/ community Hall	RC	5	2	yes	0.05
8	Dhankauda	Kardola	Chipilima/ Kardola	Schools/ community Hall	RC	5	2	yes	0.05
9	Dhankauda	Kud-Gunderpur	Kud-Gunderpur/ Kud-Mahada	Schools	RC	5	2	yes	0.05

10	Maneswar	Mathpali	Putibandh, Khapardera, Lankudapada, Gajatulapada	GP Office, Mathpali	RCC Roof	3	1	No	NA
11	Maneswar	Naxapali	Naxapali	Maneswar High School	RCC Roof	10	2	Yes	NA
12	Maneswar	M. Gunderpur	Sargipali, Gulabandh, Gaingtipada	Gulabandh UP School	RCC Roof	5	2	Yes	NA
13	Maneswar	Batemura	Batemura Chowk, Jayaghanta, Khunti	Rajiv Gandhi Seba Kendra at Batemura GP	RCC Roof	6	2	No	NA
14	Maneswar	Sahaspur	Sankhala	Rajiv Gandhi Seva Kendra at Sahaspur GP	RCC Roof	6	2	No	NA
15	Maneswar	Huma	Huma	GP of at Huma	RCC Roof	4	1	no	NA
16	Maneswar	Dhama	Charpali, Dhama	Rajiv Gandhi Seva Kendra at Dhama GP	RCC Roof	6	2	No	NA
17	Maneswar	Bargaon	Baunsara, Haldi	Baunsara UP School	RCC Roof	5		yes	NA
18	Maneswar	Sindurpank	Pilakandeipara	Rajiv Gandhi Seva Kendra at Sindurpank GP	RCC Roof	6	2	no	NA
19	Sambalpur Municipal Corporation	35	Dhanupali	Dhanupali U.P School & High School	RCC	5	2	yes	NA
20	Sambalpur Municipal Corporation	30	Bhutapara	Urdu School & High School	A.C Sheet	5	2	yes	NA

21	Sambalpur Municipal Corporation	31	Pensionpara	Urdu School	RCC	7	2	yes	NA
22	Sambalpur Municipal Corporation	34	Sunapali	Sunapali U.P School	RCC	5	2	yes	NA
23	Sambalpur Municipal Corporation	32	Jail Chowk	Kalyan Mandap	RCC	8	2	yes	NA
24	Sambalpur Municipal Corporation	32	Binakhandi	Biswak UGME	RCC	8	2	yes	NA
25	Sambalpur Municipal Corporation	32	Pensionpara	Zill High School	RCC	30	2	yes	NA
26	Sambalpur Municipal Corporation	26	Ashapali	Ashapali M.E School	RCC	10	2	yes	NA
27	Sambalpur Municipal Corporation	30	Sakhipara	Sakhipara U.P School	RCC	8	2	yes	NA
28	Sambalpur Municipal Corporation	29	Saralakani	Saralakani U.P School	RCC	5	2	yes	NA
29	Sambalpur Municipal Corporation	32	Dalaipara	U.G.M.E School	RCC	8	2	yes	NA

30	Sambalpur Municipal Corporation	25	Hatpara	Town High School	RCC & AC sheet	10	2	yes	NA
31	Sambalpur Municipal Corporation	24	Kunjelpara	L.C. Girls' High School	RCC	10	2	yes	NA
32	Sambalpur Municipal Corporation	24	Tawnlapara	Municipal Girls' High School	RCC & AC sheet	10	2	yes	NA
33	Sambalpur Municipal Corporation	25	Nuapara	Hindi High School	RCC	10	2	yes	NA
34	Sambalpur Municipal Corporation	22	Modipara	U.P School	RCC	5	2	yes	NA
35	Sambalpur Municipal Corporation	22	Modipara	M.E School	RCC	5	2	yes	NA
36	Sambalpur Municipal Corporation	23	Cheruapara	R.K. Behera Municipal High School	RCC & AC sheet	10	2	yes	NA
37	Sambalpur Municipal Corporation	17	Badbazar	U.P School	RCC	5	2	yes	NA
38	Sambalpur Municipal Corporation	16	Badbazar	High School	RCC	5	2	yes	NA

39	Sambalpur Municipal Corporation	14	Remed	Remed U.G.M.E School	RCC	5	2	yes	NA
40	Sambalpur Municipal Corporation	15	Durgapalli	Nodal U.G.M.E School	RCC	5	2	yes	NA
41	Sambalpur Municipal Corporation	13	Baraipalli	Seva Asharam School, Baraipalli	RCC	5	2	yes	NA
42	Sambalpur Municipal Corporation	21	Budharaja	Budharaja High School	RCC	10	2	yes	NA
43	Sambalpur Municipal Corporation	27	Ainthapali	Sevasharam School	RCC	5	2	yes	NA
44	Jujumura	Baham	Baham	Rajib Bhawan	RCC Roof	6	2	No	NA
45	Jujumura	Baham	Baham	GP Office	RCC Roof	4	1	No	NA
46	Jujumura	Kukudapali	Kukudapali	Rajib Bhawan	RCC Roof	6	2	No	NA
47	Jujumura	Kukudapali	Kukudapali	GP Office	RCC Roof	4	1	No	NA
48	Jujumura	Jayantpur	Jayantpur	Rajib Bhawan	RCC Roof	6	2	No	NA
49	Jujumura	Jayantpur	Jayantpur	GP Office	RCC Roof	4	1	No	NA

Chapter-5- Prevention & Mitigation Measures

5.1 Ways & Means to prevent or reduce the impact of various Disasters:

A better Disaster Management with minimum vulnerability is possible only by means of preparedness and mitigation measures. Experiences shows maximum the disaster preparedness leads to minimum vulnerability. Neither a disaster can be prevented nor diverted to any other place. The only possible thing is to minimize the effect of any kind of Disaster. Hence, various structural and non-structural measures will be taken up in the District to minimise the effects of various types of disaster.

5.2 Structural Measures

The possible two structural measures for disaster protection are Retrofitting of the existing building and Earth Quake Resistant new construction.

5. 3 Non-structural Measures:

The non-structural mitigation is basically framed in such a way that the whole population of the district will be sensitized on disaster management and their capacity is developed to cope up with a hazardous situation. Sambalpur has specific plan for non-structural mitigation measures which is an on-going process in various spheres of life.

Proposed Sensitization Programme

Sl. No.	Name of the Department/ Office	Activity/ Project	Starting Date	Date of Completion	Cost	Funding source
1	Health	Awareness on Heat Waves and Endemic disease	15th March	30th March	30,000	H&FW

2	Revenue	Awareness of officials on SDRF and NDRF norms	15th March	30th March	As per norms	DDMA, Sambalpur
3	Education	Awareness of BEOs on School Safety Measures	1st Sept	30th Sept	30,000	DDMA
4	Agriculture	Awareness of famers on drought preparedness and mitigation measures	1st Sept	30th Sept	1,00,000	Agriculture Deptt.
5	Veterinary	Awareness of officials and farmers on Disaster Mitigation measures in livestock sector	1st May	15th May	2,00,000	ARD Dept.
6	Forest	Awareness on forest fire at both Divisionla and Sub-Divisional level	1st May	15th May	150000	Forest Department
7	Urban Local Bodies (ULBs) and Elected Representatives	Capacity building on Flood Management and and Urban Plantation	15th May	30th May	50000	DUDA and ULBs

5.3 Integration Disaster Risk Reduction (DRR) Activities in various Govt. Schemes.

Possible DRR measures can be taken up under various Govt. schemes are reflected below

Possible activities for DRR

Sl. No.	Scheme	Possible activities for DRR
1	MGNREGS	Drought, Flood protection and Plantation measures
2	IAY,PMAY, Biju Pucca Ghar	Designining and Construction of fire proof and earthquake resilient house in vulnerable pockets.
3	GGY	Strengthen relief lines and drainage, restoration of power distribution station,
4	Finance Commission Assistance	1. Building capacity in the administrative machinery for better handling of disaster risk response and for preparation of District Disaster Management Plans (DMPs) as envisaged in the Disaster Management Act (2005). 2. Relief requirements of a severe calamity could not be met from state resources. 3. Special budgetary allocation on disaster preparedness and mitigation measures.
5	NHM and Health	Preventaibve measures taken for control of Epidemics and immunization to communities specially children and old aged persons etc.
6	PMKSY	Provision irrigation facilities to all agricultural farm land and initiation of flood control measures, repair and maintainance of embankment of water bodies like ponds and Rivers.
7	JALNIDHI	Drought mitigation measures through creation of captive irrigation sources through shallow tube wells, bore wells, dug wells and river lift projects
8	NFSM (Rice)	1. Integration with the district plan and fixed targets for each identified pockets of the district. 2. Promotion and extension of improved technologies i.e. seed, Integrated Nutrient Management including micronutrients, soil amendments, Integrated Pest Management (IPM) and resource conservation technologies along with capacity building of farmers; 3. Supply of diesel pump sets during drought

9	RKVY	1. Preparation of agriculture plans for the districts and the States based on agro-climatic conditions, availability of technology and natural resources; 2. Development of structures for to mitigate various disaster related to agricultural, horticultural and veterinary
10	Biju KBK	Building Rural infrastructure on Bijli, Sadak Pani (e.g., critical roads and bridges, village electrification, minor irrigation projects, tanks, watershed and afforestation.
11	MPLAD/MLALAD	Construction of Guard wall for checking of flood Management and soil erosion
12	Western Odisha Development Council (WODC)	Construction critical road communication, Minor Irrigation, construction of Check Dams, new and cleaning of Water Harvesting Structures, installation of LIPs, Rural Water supply schemes in vulnerable pockets etc.
13	National Afforestation Programme through FDA,s	Plantation in degraded and barren lands, promotion of Afforestation through community forestry programme , control & prevention of forest fire and digging of trench & forest fire lines and structural measures like construction of small Check Dams to control soil erosion.
14	Minikit Programme, Enrichment of Crop residue and Departmental Fodder farms	Promotion of perennial roots & slips for fodder development during drought.
15	Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY): / Biju Gram Jyoti Yojana (BGJY)	To provide availability of Electricity for all people to un-electrified villages in the Sambalpur District.
16	Odisha Power Sector Improvement Projects	Projects like Disaster Response Centre, Disaster Resilient Power System , District Headquarter Projects for reliable and un-interrupted power supply to the consumers during natural shocks

Chapter-6: Capacity Building Measure

6.1 Approach

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

6.2 Capacity Building of Govt. Officials, PRIs and ULBs Representatives and SHGs (Mission Shakti) etc.:

A series of training programmes will be organized for specialized groups like, District DDMTs, Sub Divisional and community level office bearers, Head Masters and Principals, Doctors and Engineers, Architects, Urban Planners, Builders & Contractors and Masson etc. All walks of officials will be trained. This can even be on construction of buildings and other structures earth quake resistant.

Proposed Training programme

Sl.	Name of the Course/ Training Programme	Participants	Duration of the Training Programme	Month of Organization	To be Organized by
1	Training programme on Heat Wave Preparedness	All BDOs/ EE RWS &S, CDMO, CDVO,EOs (ULBs), BDOs, Tahasildars and NGOs, etc.**(60 Numbers)**	1 day	Feb	DDMA/ Collector
2	Training programme on Heat Wave, snake bite, lightning,	Doctors and Paramedical Staff/ ANMs	2 day	Feb	CDMO

	drowningcasualty management	and volunteers **(100 Numbers)**			
3	Post Disaster damage assessment	AAOs of all Blocks, EOs (ULBs), RIs of Tahsils and line departments**(150 Numbers)**	2 day	Sept	DDMA/SRC
4	Public health in emergencies- safe drinking water and sanitation	All BDOs, ULB and district level officials of PHED/ RWS & S Dept.**(50 Numbers)**	1 day	March	CDMO / EE, RWSS
5	Training of teachers on school safety including DM plan and conduct of Mock Drills	BEO / ABEO / BRCC**(60 Numbers)**	1 day	Oct	DEO
6	Block level training programmes on role of PRIs in disaster risk management / VDMP (in two blocks)	Sarapanchas, ZP& PS members (50 each in two blocks 100)	1 day	June	BDO
7	Role of Media in Disaster Risk Management	Media Personal (150 members)	1 day	Nov	DIPRO
8	Convergence and Livelihood Security: Post Disaster Strategies	Officials of the Line Dept. (100 members)	1 days	Sept	PD, DRDA/DDA /DDMA
9	Training for selected community members and NGO representatives of TWO blocks on preparation of VDMP	Selected members from the GP/village at block level (70 each in two blocks 140)	2 days	June	DDMA

	Training and Mock drill of VDMC member				

6.3 Table top Exercise:

Collector-cum-Chairman, DDMA, Sambalpur will organise a table top exercise involving all district and block level key officials to assess the emergency response plans for various disasters during April/May.

6.4 District/ Block level Mock Drills:

Periodic mock drills will be organized involving district and block level officials/ institutions to assess the capacity and preparedness to face certain disasters.

Proposed Mock Drills

Sl.	Type of Mock Drill	Officials/ Institutions to be involved	Month/ Date
1	Fire Accident	Fire Service, Schools. Colleges, NSS, NCC, NYK, Child Care Institutions (CCIs), ODRAF	May
2	Public Gathering/ Cinema Halls/High Raised Buildings & Apartments and malls.	Police and fire Services.	Through out the year
3	Flood	ODRAF	May
4	Hirakud Ropeway Mock drill	Hirakud Ropeway staff/ SMC/ NDRF/ DDMA	June & December

6.5 Disaster Management Education (School Safety and School Disaster Preparedness):

All educational Institutions (Both Govt. and Private) which are functioning in the districts may include organizing awareness generation programmes in schools and colleges and conducting basic mock drills for fire and other disasters.

For the purpose, DDMP, 2025-26 proposed the following programme under Disaster management Education (School Safety and School Disaster Preparedness.

Proposed School Safety and School Disaster Preparedness

Sl. No.	Name of the Programme	No. of Schools, Colleges and Other Educational institutions to be covered during the year	Time Line	Remarks
1	Awareness generation and mock drills for fire/ earth quake/ firast aid etc.	100	Sept-Oct	Major Colleges and High Schools at Sub-Divisional level
2	Preparation of School Disaster Management plan	100	July-Aug	Major Colleges and High Schools at Sub-Divisional level
3	District level Quiz/ painting/ debate competitions	Based on the nomination received from the BEOs/DEO	Sept	District level

6.6 Community Capacity Building and Community Based Disaster Management:

The district has identified 1764 inhabited villages including 71 inaccessible pockets. During 2019-20, VDMC will be constituted and strengthen in 500 villages (20%). Nature of capacity building programme will be prioritised depending the type and intensity of disaster. Villages with multi-hazard vulnerability towards drought, flood, heat waves, and fire incidents has been selected in the first phase on phase manner. Utmost care has been given to include persons having prior experience as a member of the VDMC. Blocks wise numbers of villages and members to be covered is as follows.

Proposed CBDM

Sl. No.	Block Name	No. of vulnerable villages to be covered during 2019-20	No. of VDMC and task force member to be oriented	No. NGOs to be involved in the process	Time line	Remarks
1	Dhankauda	11	280	1	June-July	To be conducted before moonsoon.
2	Maneswar	11	280	1	June-July	To be conducted before moonsoon
3	Rengali	12	280	1	June-July	To be conducted before moonsoon
4	Redhakhol	10	280	1	June-July	To be conducted before moonsoon
5	Jamankira	09	270		May/October	To be conducted after moonsoon and before crop cutting
6	Bamra	12	270		May/October	To be conducted after moonsoon and before crop cutting
7	Kuchinda	12	280		May/October	To be conducted after moonsoon and before crop cutting
8	Naktideul	11	270		May/October	To be conducted after moonsoon and before crop cutting
9	Jujumura	12	270		May/October	To be conducted

						after moonsoon and before crop cutting

6.7 Capacity building of Cyclone and Flood Shelter Maintenance & Management Committee and Task Force members:

The district does not have any cyclone/flood shelter. BNRGSK building and schools of the villages will be used as a flood/cyclone shelters. Thus, School Management Committees and GP functionaries (PRIs, PEO, GRS and GS) shall be entrusted to maintain the identified shelters at village. Task force shall be forms from the village youths.

Sl. No.	Name of the Training Programme	Total No. of Persons to be trained	No. of Training Programmes to be organized	Time Line	Remarks if any
1	Orientation of FSMMC	20	3	June to September	Responsibility is reviewed periodically after training.
2	Training of task force members on Search & Rescue and First Aid	50	1	January to March	To be incorporate with the help of Red Cross, NCC etc.

Chapter – 7

7.1 Climate Change Adaptation & Mitigation

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

Greenhouse Gas	Global Warming Potential (GWP) (over 100 years)	% of Total Anthropogenic GHG Emissions (2010)
Carbon dioxide (CO_2)	1	76%
Methane (CH_4)	25	16%
Nitrous oxide (N_2O)	298	6%
Hydrofluorocarbons (HFCs)	124-14,800	< 2%
Perfluorocarbons (PFCs)	7,390-12,200	< 2%
Sulphur hexafluoride (SF_6)	22,800	< 2%
Nitrogen trifluoride (NF_3)	17,200	< 2%

7.2 Important Greenhouse Gases: Carbon Dioxide (Co_2)

Most important greenhouse gas (contributes ~64% to total radiative forcing by long-lived GHGs). Half of CO_2 emitted by human activities is being absorbed in the biosphere and in the oceans. Rest remains in the atmosphere for hundreds to thousands of years

Sl No	Name of the Industry/Plant/Firm	Location	Quantity of Co2 emission (PPM)	Ranking as per CO2 Emission (in the district)	Other major polluants emited (PPM)	Action taken for cutting down émission
1.	M/s Aditya Aluminium (CPP)	Lapanga	Coal Comsumption-14,400 Tons/Day	NA	NA	No need for any action because of cent percent consumption of Co2 gases
2.	M/s Hirakud CPP	Hirakud	Coal Comsumption-8,976 Tons/Day	NA	NA	
3.	M/s Aryan Ispat & Energy Limited	Bomaloi	Coal Comsumption-1105.02 Tons/Day	NA	NA	
4.	M/s Bhushan Power & Steel Limited	Thelkoloi	Coal Comsumption-17,904 Tons/Day	NA	NA	
5.	M/s Viraj Steel & Energy Limited	Gurupali	Coal Comsumption-1490.4 Tons/Day	NA	NA	
6.	M/s Shyam metalics & Energy Limited	Pondloi	Coal Comsumption-4,764 Tons/Day	NA	NA	

7.3 Important Greenhouse Gases: Methane (CH4)

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

Sl No	Name of the Block	Major Sources	Annual émission (In PPM)	Ranking as per CH4 Emission (PPM)	Action taken for cutting down émission
NA	NA	NA	NA	NA	NA

7.4 Important Greenhouse Gases: Nitrous Oxide(N2O)

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

Sl No	Name of the Block	Fertiliser /Industrial processes	Annual Usage (In tonnes)	Ranking as per N2O Emission (PPM)	Other major polluants emited (PPM)	Action taken for cutting down émission
NA	NA	NA	NA	NA	NA	NA

7.5 Important Greenhouse Gases: Fluorinated Gases

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

Sl No	Name of the Industry/Firm/Plant	location	Annual émission (In PPM)	Ranking as per flourinated gas Emission (PPM)	Action taken for cutting down émission
1.	M/s Aditya Aluminium	Lapanga	360 Tons/Annum	NA	NA
2.	M/S Hirakud Smelter	Hirakud	216 Tons/Annum	NA	NA

7.6 Important Green House Gases: chlorofluorocarbons (CFCs)

Chlorofluorocarbons (CFCs) an important Green House Gas contribute about 12% to radiative forcing by long-lived GHGshas not been included in the Kyoto Protocol because they are already regulated under the Montreal Protocol on Substances that Deplete the Ozone Layer which entered into force in 1989. CFCs are used in the manufacture of aerosol sprays, blowing agents for foams and packing materials, as solvents, and as refrigerants.

Sl No	Name of the Industry/Firm/Plant	Location	Annual émission (In PPM)	Ranking as per flourinated gas Emission (PPM)	Action taken for cutting down émission
NA	NA	NA	NA	NA	NA

Green House Gas Sequestration

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

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

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

Details of forest as a major Carbon sink (District)

The detail statement of different categories of forest area is mentioned below:

District	Division	Geographic area in ha.	RF	PRF	DPF	UDPF	Village forest	Total area in ha.	Percentage
	NA	NA	NA	NA	NA	NA	NA	NA	NA

7.7 Sectors with High Mitigation Potential

Sl No	Sectors	Mitigation Options
1	Energy	• Use of renewable heat and power (hydropower, solar, wind, geothermal and bio-energy) • Improved supply and distribution efficiency • Carbon capture storage (CCS) • Combined heat and power
2	Transport	• More fuel efficient vehicles • Use of alternative energy sources (biofuels, cleaner diesel, etc.) • Better land-use and transport planning • Shift from individual transport to public transport systems • More efficient driving practices • Non-motorized transport (cycling, walking)
3	Industry	• Process-specific technologies that improve efficiency and reduce emissions • Material recycling and substitution • Heat and power recovery/cogeneration • Control of greenhouse gas emissions
4	Agriculture	• Manure and livestock management to reduce CH_4 emissions • Improved fertilizer application techniques to reduce N_2O emissions • Improved crop and grazing land management to increase soil carbon storage • Restoration of cultivated peaty soils and degraded lands • Agro-forestry practices
5	Forestry	• Reduced deforestation • Afforestation/reforestation • Forest management

		• Tree species improvement to increase biomass productivity and carbon sequestration
6	Waste	• Landfill methane recovery • Waste incineration with energy recovery • Composting of organic waste • Controlled wastewater treatment • Recycling and waste minimization • Biocovers and biofilters to optimize CH_4 oxidation

Chapter – 8

Safety of Schools and Child Care Institutions

Implementation of School Safety Policy Guidelines 2016 *(SSP-2016 Guidelines)*

8.1

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

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

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

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

State & District Level	**School Level:**
• Policy for safety audits in all schools • 'Stability certificate' by Government-certified engineer. • Manual for fire safety procedures and other safety precautions • The National Building Code of India, 2005, to construct fire-safe buildings. (Revised 2016)	• Schools must take appropriate safety measures and an emergency response plan that delineates staff responsibilities, communication modes, and training and updating procedures for all members of the faculty, staff and students. • Fire insurance coverage should be made mandatory for all schools. • Ensuring that the kitchen in the precincts of the school has adequate safety mechanisms.

Ref. : Fire Safety Measures in School s(Section 3.1 p-23) / Training of School Teachers & Other Staff (Section 3.1 p-25) /School Building Specifications

(Section 3.1 p-27) Clearance & Certificates (Section 3.1 p-29)SC. ***Judgement on WP(C) 483/2004***

8.2 Guidelines on School Safety Policy, 2016- NDMA

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

Name of the Block	Government Schools				Government Aided schools		Private Schools	
	Elementary		Secondary		Elementary	Secondary	Elementary	Secondary
	Rural	Urban	Rural	Urban				
BAMRA	122		15		9	10	12	3
DHANKAUDA	98	68	10	17	4	8	47	15
JAMANKIRA	148		15		3	8	13	5
JUJUMURA	115		12		1	6	13	3
KUCHINDA	85	11	8	2	4	12	17	2
MANESWAR	113		14		3	5	19	2
NAKTIDEUL	116		9		2	7	10	1
RAIRAKHOL	109	12	10	3	0	8	9	2
RENGALI	113		8		3	8	14	1
Total	**1019**	**91**	**101**	**22**	**29**	**72**	**154**	**34**

8.3 School Safety Advisory Committee (District)

1. Date of Formation : Vide Letter No.5415/dt.23.04.2018 of District Education Office,Sambalpur. The District Education Officer was requested to up to date/revised the SSAC as per the personnel currently existed in the district.
2. Institutional Architecture :

Sl No	Name & Designation	Contact No.	Email ID	Remarks

1	Smt. Ananya Das IAS, Collector and District Magistrate, Sambalpur	0663-2411022	dm-sambalpur@nic.in	
2	Sri. Battula Gangadhar IPS, Superintendent of Police, Sambalpur	0663-2412330	spsbp.orpol@nic.in	
3	Debendra Swain, Range Fire Officer, Sambalpur			
4	Bhagirathi Patel,District Welfare Officer, Sambalpur	0663-2410343	dwosambalpur123@gmail.com	
5	Sanghamitra Mohapatra,District Social Welfare Officer, Sambalpur	0663-2410557	dswosambalpur@nic.in	
6	Dr. Ashok Dash, CDMO, Sambalpur	9439986001	dpmsusbp@gmail.com	
7	Suchitra Mohanty, Executive Engineer RWSS, Sambalpur			
8	Mitali Madhusmita Dalei District Emergency Officer, Sambalpur	9348239500		
9	Gajendra Sahu, Panchayat Raj Officer, Sambalpur		dpo.od-sam@nic.in	
10	Rabi Narayan Baghar, Principal, DIET, Sambalpur	9437411647		

11	Surendra Kumar Sahu,BEO, District Head Quarter, Sambalpur	99668850966	beodhankauda@gmail.com	
12	Prasanta Patjoshi,Coordinator,UTSARGA, NGO, Gaiety Talkies Road, Sambalpur	9439944860		

8.4 Category & type of students

Name of the Block	Government Schools				Government Aided schools		Private Schools	
	Elementary		Secondary		Elementary	Secondary	Elementary	Secondary
	Rural	Urban	Rural	Urban				
BAMRA	8146		3347		777	1020	1220	436
DHANKAUDA	7431	8839	2764	5828	246	1140	8737	9071
JAMANKIRA	8317		2846		347	858	1414	280
JUJUMURA	6683		2543		37	683	1103	299
KUCHINDA	4812	609	1759	0	86	759	657	335
MANESWAR	6134		3854		133	525	2148	149
NAKTIDEUL	6942		1548		54	574	858	93
RAIRAKHOL	5756	844	1582	752	0	1021	1040	705
RENGALI	7521		1788		117	820	1792	89
Total	**61742**	**10292**	**22031**	**6580**	**1797**	**7400**	**18969**	**11457**

8.5 Disaster management Education (School Safety and School Disaster Preparedness):

[Disaster management education should include organizing awareness generation programmes in schools and colleges and conducting basic mock drills for fire and other disasters. For the purpose, in the first phase district level high schools and colleges (both govt. and private) may be taken into consideration.]

DETAILS OF SCHOOL SAFETY IN THE DISTRICT

Sl No	Activity	Total School	Achieved									
			BAMRA	DHANKAUDA	JAMANKIRA	JUJOMURA	KUNCHINDA	MANESWAR	NAKTIDEUL	RAIRAKHOL	RENGALI	Total

1	Schools having School Safety Advisory Committee **(Number)**	1522	171	267	192	150	141	156	145	153	147	1522
2	Schools having Scholl Disaster management Plan **(Number)**	1522	171	267	192	150	141	156	145	153	147	1522
3	Schools having conducted Safety Audits (Structural) **(Number)**	1522	77	123	87	69	62	72	66	67	66	689
4	Safety Audits (Non-Structural) **(Number)**	1522	87	134	96	79	74	82	75	79	75	781
5	Schools having conducted Annual Mock Drills **(Number)**	1522	19	39	31	27	16	18	15	17	14	196
6	Schools Having Fire Extinguisher **(Number)**	1522	171	267	192	150	141	156	145	153	147	1522
7	Schools Adhering to safety norms in storing inflammable & Toxic Material **(Number)**	1522	171	267	192	150	141	156	145	153	147	1522
8	Schools confirming safety standards as per local building bye-laws (Latest) **(Number)**	1522	171	267	192	150	141	156	145	153	147	1522
9	Schools having issued Recognition certificate under sub Rule(4)-Rule 15 of RTE rules 2010 (only to schools that comply with Structural safety norms) **(Number)**	1522	17	61	14	13	20	20	13	11	14	183
10	Schools where students & teachers undergo regular training on School Safety & Disaster Preparedness **(Number)**	1522	103	162	114	90	81	94	86	92	86	908

11	Schools where disaster management is being taught as part of the curriculum **(Number)**	1522	101	158	113	89	78	91	84	90	84	888

8.6 Disaster management Education (School Safety and School Disaster Preparedness):

Disaster management education include organizing awareness generation programmes in schools and co for fire and other disasters. For the purpose, in the first phase district level high schools and colleges (bo consideration.]

GOVERNMENT LEGAL AID PROVISION TO THE DISASTER VICTIMS:

This Scheme shall be called the Scheme for Legal Services to the victims of disasters through Legal Services Authorities.

Objective

The objective of the scheme is to provide legal services to the victims of disaster - both manmade and natural - who are under circumstances of undeserved want being victims of mass disaster, ethnic violence, caste atrocities, flood, drought, earth-quake or industrial disasters.

Strategic Intervention by the State Legal Services Authorities.

The strategy for intervention by the Legal Services Authorities for helping the victims of disasters shall be on the following lines:

1. Ensuring immediate help by Governmental and Non-Governmental Agencies to the victims.
2. Coordinating the activities of different departments of the Government and the NGOs for bringing immediate relief.
3. Supervising the distribution of relief materials.
4. Supervising the construction of temporary shelter or transporting the victims to a safer place.
5. Supervising the reunion of families.
6. Supervising the health care and sanitation of the victims and preventing the spread of epidemics.
7. Supervising the needs of women and children.
8. Ensuring the availability of food, medicine and drinking water.
9. Supervising the reconstruction of damaged dwelling houses.
10. Supervising the restoration of cattle and chattel.
11. Legal Awareness Programmes in the relief camps on the legal rights of the victims.

12. Organising Legal Aid Clinics in the affected areas for assisting in reconstruction of valuable documents.
13. Assisting the victims to get the benefits of the promises and assurances announced by the Government and Ministers.
14. Assisting in the rehabilitation, care and future education of orphaned children.

15. Taking steps for appropriate debt relief measures for the victims.

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CHAPTER – 9 INCLUSIVE DISASTER RISK REDUCTION

9.1 Background: A need to include Persons with Disabilities

Different populations may face similar risks of exposure to the negative effects of environmental and man-made disasters, but their actual vulnerability is dependent on their socio-economic conditions, civic and social empowerment, and access to mitigation and relief resources. Individuals with disabilities are disproportionately affected in disaster, emergency, and conflict situations due to inaccessible evacuation, response (including shelters, camps, and food distribution), and recovery efforts.

9.2 Legal framework to support the inclusion of persons with disabilities

The United Nations Convention on the Rights of Persons with Disabilities was adopted in December 2006. The Convention marks a "paradigm shift" in attitudes and approaches to persons with disabilities. The Rights of persons with Disabilities act (RPWDA) 2016of India and UNCPRD form the overarching legal framework which identify and protect disability rights in India.

The District Disaster Management Authorities (DDMA) under Section 25 are specially mentioned to maintain the record of details of persons with disabilities in the district and inform such persons of any such situations of risk so as to enhance disaster preparedness.

9.3 Responding to the needs of persons with disabilities

Rehabilitation and reconstruction efforts must not only be inclusive and responsive to the needs of all people, including persons with disabilities, but should include the participation of persons with disabilities, to ensure that their needs and rights are respected. Women with disabilities are a particularly vulnerable group whose needs should be included at all stages of recovery and reconstruction efforts.

Actors involved in Disability inclusive Disaster Risk Reduction (DiDRR) include Government at the different levels, national to local including cities and communities at local level, the UN System, Academic Institutions, Disabled People's Organizations Private actors, Armed Forces, Civil Society, Media, local community's Local emergency response organisations.

9.4 Data Collection

Data is essential to understanding the risks that people face during disasters and climate change situations. It is important to give effect to policies and establish norms. The Census in 2011 identifies 2.68 Crore persons with disabilities constituting 2.21% of the country's population.

9.5 Policy, Institutional Mechanisms and Inclusive Standards

Policies and their implementation need to be inclusive. Odisha State Disaster Management Plans has already laid the foundation of an inclusive strategy.

OSDMA has set up a cell for persons with disabilities headed by a person with disability. The cell will look into inclusion in EWS, SER, rehabilitation and resettlement. Impart training for response forces ODRAF, Red Cross, Civil Defense and community level task force volunteers. Monitoring accessibility in shelters will also be work of the cell.
The Odisha State Disaster Management Plan 2017 takes note of the vulnerability of disabled persons and the specific provision provided is related to inclusive education of children with disabilities during disasters. It also makes special mention of children with disabilities and specifically 'mentally retarded' (Intellectual Disability).

For preparation of the inclusive DDMP the following data at district level are being collected

Information on PWD

Information on Population Requiring Special Care										
Sl. No.	**Block**	**Gram Panchayat**	**Village**	**Total No. of HHs**	**Total Population**	**No. of HHs Having by PWD**	**No. of Persons with Physical Disability (PWD) per village**		**No of persons with Mental disability**	
							M	**F**	**M**	**F**
1	Dhankuda	8	57	13871	54926	216	262	173	NA	NA
2	Jamankira	21	42	23338	92279	694	422	531	NA	NA
3	Jujomura	18	120	19991	84521	616	241	234	NA	NA
4	Kuchinda	17	133	2940	26681	679	490	430	NA	NA
5	Maneswar	12	76	15217	60287	397	316	231	NA	NA
6	Naktideul	11	183	15242	66593	438	809	1472	NA	NA
7	Rairakhol	14	180	13121	54569	446	313	285	NA	NA
8	Rengali	16	69	22600	54786	390	670	682	NA	NA
9	Bamra	17	151		23051	415			NA	NA
10	Rairakhol NAC	13	27	NA	15340	72	91	36	NA	NA
11	Kuchind NAC	11	-	19	15576	96	87	57	NA	NA
12	SMC	41	-	NA	NA	420	511	465	NA	NA

Information on vulnerable women and children

Sl. No.	Block	No. of HHs headed by Women	Child Population per village		No. of Widow per village	No. of Orphans per village	
			0-3 Years	3-06 Years		M	F
1	Dhankuda	334	4424	5417	949	44	37
2	Jamankira	NA	3235	3867	3383	51	37
3	Jujomura	282	2956	3619	1189	21	29
4	Kuchinda	NA	2458	3131	2199	42	55
5	Maneswar	NA	3173	3944	1015	11	13
6	Naktideul	1864	2543	3121	NA	19	20
7	Rairakhol	24	2981	3589	926	35	29
8	Rengali	6499	3029	3376	2667	16	44
9	Bamra	NA	3153	3878	NA	44	42
10	Rairakhol NAC	NA	NA	NA	249	NA	NA
11	Kuchinda NAC	9	NA	NA	461	NA	NA
12	SMC	NA	8059	8551	NA	61	95

Information on people needing special care (Aged and Pregnant Women)

Information on Population Requiring Special Care								
Sl. No.	Block	Gram Panchayat	Village	Total No. of HHs	Total Population	No. of Aged Persons (60 and above) per village		No. of Pregnant and lactating mothers per village during the information collection
						M	F	
1	Dhankuda	8	57	13871	54926	990	1136	1715
2	Jamankira	21	42	23338	92279	4245	3063	1322
3	Jujomura	18	120	19991	84521	4550	4548	1181
4	Kuchinda	17	133	2940	26681	3158	4003	1016
5	Maneswar	12	76	15217	60287	3190	2390	1344
6	Naktideul	11	183	15242	66593	1463	4276	1031
7	Rairakhol	14	180	13121	54569	3022	3260	1295
8	Rengali	16	69	22600	54786	3201	2422	1322
9	Bamra	17	151	NA	23051	NA	NA	1219
10	Rairakhokl NAC	13	27	NA	15340	522	378	NA

11	Kuchinda NAC	11	NA	19	15576	339	334	NA
12	SMC	41	NA	NA	NA	NA	NA	3007

After compiling the database of the people who need special attention in the wake of a disaster and to make the district disaster management plan more inclusive, the following may be considered during District Disaster Management Plan preparation.

- **Pre-Disaster:** Identification of special needs of physically challenged and mentally challenged persons. Make necessary Planning for evacuation of people with special needs with special care and compassion..
- **During Disaster:** Appropriate Relocation of the people in the shelter with special care, priority in meeting the needs of such population, organizing medical attention if needed.

Post disaster: Ensuring careful & safe return of such people to home, prioritisation during relief distribution, prioritisation of rehabilitation & reconstruction efforts

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Chapter-10

FOREST FIRE MANAGEMENT

REDHAKHOL FOREST DIVISION

<table>
<tr><th>SL. No</th><th>Particular</th><th colspan="4">Action Plan</th></tr>
<tr><td>1</td><td>Name of the Division</td><td colspan="4">Redhakhol Forest Division</td></tr>
<tr><td>2</td><td>Name of Range</td><td colspan="4">Redhakhol</td></tr>
<tr><td>3</td><td>Total Notified Forest Area (Area in Sq km) in the Division</td><td colspan="4">981.542 Sq km</td></tr>
<tr><td rowspan="3">4</td><td rowspan="3">Zonation in Forest Area (Red, Green and Orange Zone) in Sq km</td><td colspan="4">Zonation in Sq km</td></tr>
<tr><td>Red</td><td>Orange</td><td colspan="2">Green</td></tr>
<tr><td>Naktideul, Redhakhol</td><td>Girishchandrapur Badbahal</td><td colspan="2">Charmal
Badmal</td></tr>
<tr><td>5</td><td>No. of Forest Village Plans management of Forest Fire in the District</td><td colspan="4">Nil</td></tr>
<tr><td>6</td><td>Details Action Plan Management of Forest Fire in the District</td><td colspan="4">All Range officers and field staffs are instructed to strictly follow up the SOP guidelines on forest fire published by the State Govt. Of Odisha, F&E Department. 84 no’s of blower machine provided to the all Ranges in advance. In the district level one centralized VHF control room is being opened. They have instructed to take immediate action to extinguish the forest fire as sooner receipt of the fire occurrence message in their android based register mobile through OFMS application.</td></tr>
<tr><td rowspan="3">7</td><td rowspan="3">Role and Responsibility of Different Stake holder</td><td>SL. No</td><td colspan="2">Stake Holder</td><td>Role</td></tr>
<tr><td>1</td><td colspan="2">Police</td><td>Coordination in handling law and order situation.</td></tr>
<tr><td>2</td><td colspan="2">Fire</td><td>Coordinate forest staff in extreme fire incidents.</td></tr>
</table>

		3	Revenue Dept.	Legal action on setting fire in revenue and adjacent to forest area.
		4	Kendu Leaf Division	Will strategically collect the debris after bush cutting to prevent the fire. Aware people against the traditional burning of bush to enhance leaf production.
		5	Agriculture	Aware people to avoid stubble burning during the village meeting.
		6	80 No. of VSS	Ensure the VSS area to be free VSS from fire and help to arrest the miscreants if any. After SSO work the debris shall be collected and be used in fencing or brushwood check dam or other use so as to avoid forest fire. The people having Mahua tree will collect the flowers only in presence of VSS and with the permission from the forest staff. If any fire incident occurs nearby due to his carelessness legal action will be taken by concerned authority.
		7	P-NGO of AJY	Spread awareness to prevent the AJY forest fire and faulty methods of NTFP collection.
		8	Sarpanch and Ward Members of Fire prone village area	Support the officials in preventing and combating forest fire. PRI members may be empowered of fire to apprehend the miscreants prone causing forest fire village.
8	Standard Operation Procedure for Management Forest Fire	The copy of SOP on Forest Fire published by the Principal of Chief Conservator of Forests, Odisha, Bhubaneswar is enclosed here with.		
9	Other important information pertaining to the subject.			

HIRAKUD WILDLIFE DIVISION

<table>
<tr><th>SL. No</th><th>Particular</th><th>Action Plan</th></tr>
<tr><td>1</td><td>Name of the Division</td><td colspan="3">Hirakud Wildlife Division, Sambalpur</td></tr>
<tr><td>2</td><td>Name of Range</td><td colspan="3">Sambalpur Wildlife Range</td></tr>
<tr><td>3</td><td>Total Notified Forest Area (Area in Sq km) in the Division</td><td colspan="3">0.1316 Sq km (Only Deer park) in Sambalpur District</td></tr>
<tr><td rowspan="3">4</td><td rowspan="3">Zonation in Forest Area (Red, Green and Orange Zone) in Sq km</td><td colspan="3">Zonation in Sq km</td></tr>
<tr><td>Red</td><td>Orange</td><td>Green</td></tr>
<tr><td>0</td><td>0</td><td>0.1316</td></tr>
<tr><td>5</td><td>No. of Forest Village Plans management of Forest Fire in the District</td><td colspan="3">Nil</td></tr>
<tr><td>6</td><td>Details Action Plan Management of Forest Fire in the District</td><td colspan="3">The Range officer, Sambalpur Wildlife Range and field staffs are instructed to strictly follow up the SOP guidelines on forest fire published by the State Govt. Of Odisha, F&E Department. 01 no’s of blower machine provided to the all Ranges in advance. In the district level one centralized VHF control room is being functioning on 24 hours basis and also at Sambalpur Range H.Q one Range level control room is being opened. They have instructed to take immediate action to extinguish the forest fire as sooner receipt of the fire occurrence message in their android based register mobile through OFMS application.</td></tr>
<tr><td>7</td><td>Role and Responsibility of Different Stake holder</td><td colspan="3">Fire department has responsibility to help the forest department in case of large fire occurrence which may not be extinguished manually. The police department staff during their patrolling can detect the fire incidence; they should inform the same to the Division control room. Being the enforcement authority, the police department should manage the law and order situation, if any arise due to forest fire. The role and responsibility of all the citizens to prevent the forest fire and save the natural resources of our country.</td></tr>
<tr><td>8</td><td>Standard Operation Procedure for Management Forest Fire</td><td colspan="3">The copy of SOP on Forest Fire published by the Principal of Chief Conservator of Forests, Odisha, Bhubaneswar is enclosed here with.</td></tr>
<tr><td>9</td><td>Other important information pertaining to the subject.</td><td colspan="3"></td></tr>
</table>

SAMBALPUR FOREST DIVISION

<table>
<tr><th>SL. No</th><th>Particular</th><th colspan="5">Action Taken</th></tr>
<tr><td>1</td><td>Name of the Division</td><td colspan="5">Sambalpur Forest Division</td></tr>
<tr><td>2</td><td>Name of Range</td><td colspan="5">Sambalpur Territorial</td></tr>
<tr><td>3</td><td>Total Notified Forest Area (Area in Sq km) in the Division</td><td colspan="5">491.1358 Sq km</td></tr>
<tr><td rowspan="4">4</td><td rowspan="4">Zonation in Forest Area (Red, Green and Orange Zone) in Sq km</td><td rowspan="2">Name of the Range</td><td colspan="3">Zonation in Sq km</td></tr>
<tr><td>Red</td><td>Orange</td><td>Green</td></tr>
<tr><td>Dhama Tabloi-Deogaon</td><td>Tabloi-Deogaon</td><td>-</td><td>-</td></tr>
<tr><td>Rengali-Ghichamura-Jamal</td><td>Ghichamura-Jamal</td><td>-</td><td>-</td></tr>
<tr><td>Rengali-Ghichamura-Phuljhar</td><td>Ghichamura-Phuljhar</td><td>-</td><td>-</td></tr>
<tr><td>5</td><td>No. of Forest Village Plans management of Forest Fire in the District</td><td colspan="5">Nil</td></tr>
<tr><td>6</td><td>Details Action Plan Management of Forest Fire in the District</td><td colspan="5">All Range officers and field staffs are instructed to strictly follow up the SOP guidelines on forest fire published by the State Govt. Of Odisha, F&E Department. 71no’s of blower machine provided to the all Ranges in advance. In the district level one centralized VHF control room is being opened. They have instructed to take immediate action to extinguish the forest fire as sooner receipt of the fire occurrence message in their android based register mobile through OFMS application.</td></tr>
<tr><td rowspan="3">7</td><td rowspan="3">Role and Responsibility of Different Stake holder</td><td>SL. No</td><td colspan="2">Stake Holder</td><td>Role</td></tr>
<tr><td>1</td><td colspan="2">Police</td><td>Coordination in handling law and order situation.</td></tr>
<tr><td>2</td><td colspan="2">Fire</td><td>Coordinate forest staff in extreme fire incidents.</td></tr>
</table>

		3	Revenue Dept.	Legal action on setting fire in revenue and adjacent to forest area.
		4	Kendu Leaf Division	Will strategically collect the debris after bush cutting to prevent the fire. Aware people against the traditional burning of bush to enhance leaf production.
		5	Agriculture	Aware people to avoid stubble burning during the village meeting.
		6	222 No. of VSS	Ensure the VSS area to be free VSS from fire and help to arrest the miscreants if any. After SSO work the debris shall be collected and be used in fencing or brushwood check dam or other use so as to avoid forest fire. The people having Mahua tree will collect the flowers only in presence of VSS and with the permission from the forest staff. If any fire incident occurs nearby due to his carelessness legal action will be taken by concerned authority.
		7	P-NGO of AJY	Spread awareness to prevent the AJY forest fire and faulty methods of NTFP collection.
		8	Sarpanch and Ward Members of Fire prone village area	Support the officials in preventing and combating forest fire. PRI members may be empowered of fire to apprehend the miscreants prone causing forest fire village.
8	Standard Operation Procedure for Management Forest Fire	The copy of SOP on Forest Fire published by the Principal of Chief Conservator of Forests, Odisha, Bhubaneswar is enclosed here with.		
9	Other important information pertaining to the subject.			

BAMRA FOREST DIVISION

SL. No	Particular	Action Taken			
1	Name of the Division	Bamra Forest Division			
2	Name of Range	NA			
3	Total Notified Forest Area (Area in Sq km) in the Division	1210.919 Sq km			
4	Zonation in Forest Area (Red, Green and Orange Zone) in Sq km	Name of the Range	Zonation in Sq km		
			Red	Orange	Green
		Bamra WL Range	Gardega beat, Goeljhumpa beat	Niktimal beat, Rabga beat	Bamra beat, Sankobahal beat
		Kuchinda WL Range	Janda beat, Badmundaloi beat, Rengali beat	Kuchinda beat, Kurumloi beat, Kurmimunda beat	Telitileimal beat, Laidaguna beat, Babuniktimal beat
		Jamankira WL Range	Sirid beat, Pukuda beat, Bhojpur beat	Bandhapali beat, Barhamundi beat, Bamandagarh beat	Jamumal beat, Tiklipada beat, Chhamunda beat
		Badrama WL Range	Badrama beat, Argen beat, Podadihi beat, Pondibahal beat	Kundankhol beat, Pathuria beat, Goudpali beat, Odsung beat	Gantab beat, sarda beat, Badkhalia beat
		Khalasuni WL Range	Kanchanpur beat, Manduam beat	Bhalukhol beat, Goilmundi beat	Hikapali beat, Pendrakhol beat
	Total Area in Sq km		350.143	256.596	375.341

<table>
<tr><td>5</td><td>No. of Forest Village Plans management of Forest Fire in the District</td><td colspan="3">NA</td></tr>
<tr><td>6</td><td>Details Action Plan Management of Forest Fire in the District</td><td colspan="3">All Range officers and field staffs are instructed to strictly follow up the SOP guidelines on forest fire published by the State Govt. Of Odisha, F&E Department. 105 no’s of blower machine provided to the all Ranges in advance. In the district level one centralized VHF control room is being opened. They have instructed to take immediate action to extinguish the forest fire as sooner receipt of the fire occurrence message in their android based register mobile through OFMS application.</td></tr>
<tr><td rowspan="8">7</td><td rowspan="8">Role and Responsibility of Different Stake holder</td><td>SL. No</td><td>Stake Holder</td><td>Role</td></tr>
<tr><td>1</td><td>Police</td><td>Coordination in handling law and order situation.</td></tr>
<tr><td>2</td><td>Fire</td><td>Coordinate forest staff in extreme fire incidents.</td></tr>
<tr><td>3</td><td>Revenue Dept.</td><td>Legal action on setting fire in revenue and adjacent to forest area.</td></tr>
<tr><td>4</td><td>Kendu Leaf Division</td><td>Will strategically collect the debris after bush cutting to prevent the fire.

Aware people against the traditional burning of bush to enhance leaf production.</td></tr>
<tr><td>5</td><td>Agriculture</td><td>Aware people to avoid stubble burning during the village meeting.</td></tr>
<tr><td>6</td><td>212 No. of VSS & 23 EDC</td><td>Ensure the VSS area to be free VSS from fire and help to arrest the miscreants if any.

After SSO work the debris shall be collected and be used in fencing or brushwood check dam or other use so as to avoid forest fire.

The people having Mahua tree will collect the flowers only in presence of VSS and with the permission from the forest staff. If any fire incident occurs nearby due to his carelessness legal action will be taken by concerned authority.</td></tr>
</table>

		7	P-NGO of AJY	Spread awareness to prevent the AJY forest fire and faulty methods of NTFP collection.
		8	Sarpanch and Ward Members of Fire prone village area	Support the officials in preventing and combating forest fire. PRI members may be empowered of fire to apprehend the miscreants causing forest fire village.
8	Standard Operation Procedure for Management Forest Fire	The copy of SOP on Forest Fire published by the Principal of Chief Conservator of Forests, Odisha, Bhubaneswar is enclosed here with.		
9	Other important information pertaining to the subject.	NA		

- The Standard operating procedure to prevent Forest fire has been developed in this regard.

Chapter -11

CHEMICAL (INDUSTRIAL), NUCLEAR AND REDIOLOGICAL DISASTER

The growth of chemical industries has led to an increase in the risk of occurrence of incidents associated with hazardous chemicals (HAZCHEM. Odisha is also an Industrial State and many Large, Medium and Small-Scale Industries are operating in the state. Many large industries are operating in the districts like Jagatsinghpur, Angul, Jhasrsuguda, Sambalpur and Rayagada and many medium and small industries are operating in other districts of the State. The District administration of the industrial district must be prepared to face any kind of Chemical (Industrial) disasters and always be prepared with the Off-site Emergency Plan of the District. The Off-site emergency plan needs to be updated on regular frequency.

Thus, it is highly essentials to take all the preparedness measures and minimize the risk of any Chemical (Industrial) disasters in the industrial districts of the State. The following information are required to be fulfilled and be updated every year in the District Disaster Management Plan of the District.

Nuclear & Radiological Disaster:

11.1 Factories or Storage Unit Details of the District

Table-11.1

Organisation Name	Type (Large/ Medium / Small / Micro)	Manufacturing Process & Capacity	Address	Lat/ Long	Site Operator Head Name	Site Operator Head Designation	Site Operator Head Email	Site Operator Head Mobile Number
Bhushan Power & Steel Ltd., Sambalpur	Large	Integrated Steel Plant 2.8 MTPA	At – Thelkoloi, PO – Lapanga, Tehsil – Rengali, Dist – Sambalpur, 768232	Lat – 21^0 44” to 21^0 26” N Long - 84^0 01” to 84^0 03” E	Anil Kumar Singh	Director & Occupier	Anilkumar.singh@jsw.in	7774089777

Indian Oil Corporation Limited	Large	Hydro Carbon Product Pumping Capacity-5MMTPA	Indian Oil Corporation Limited, Paradip Raipur Ranchi Pipeline, Naxapali, Dhanupali, Sambalpur, Odisha-768004.	Lat-21.431182, Long-84.009943	Narendra Tiwari	Chief Operations Manager	tiwarin@indianoil.in	9826498087

11. 2 Hazardous Chemical Storage DetailsTable-11.2

Hazardous Chemical Storage Points Details											
Organisation Name	**Hazardous Chemicals/ Substances Name**	**Hazardous Chemicals Type (Flammable / Reactive / Explosive / Toxic)**	**Hazardous Chemicals Quantity (Volumetric Capacity/ Max Qty can be Stored/ Inventory)**	**Type of Storage (Under Ground / Submerged/ On the Ground/ Above Ground)**	**Type of Container (Spherical/Box Type/Cylindrical)**	**Type of Alignment (Horizontal/ Vertical)**	**Hazard Anticipated (Fire/ Explosion/ Toxic release)**	**MSDS (Material Safety Data Sheet) of the Chemicals**	**Vulnerable Zone in case of Emergency (Radius in Km / Meter)**	**Down wind Distance**	**Total Num of P in th Vuln lity Z**
Bhushan Power & Steel Ltd,	HSD	Fire & Explosive	100 KL / 90 KL 100 KL / 90 KL	Above Ground	Cylindrical	Vertical	Fire & Explosive	YES	7.9 m 7.9 m		
	HSD	Fire & Explosive	70 KL / 60 KL 50 KL / 45 KL 20 KL / 18 KL	Under Ground	Cylindrical	Horizontal	Fire & Explosive	YES	-	-	

Sambalpur	BF Gas	Toxic	50000 m^3 / 40000 m^3	Above Ground	Cylindrical	Vertical	Toxic	YES	215 m		
	Coke Oven Gas	Toxic / Fire & Explosive	35000 m^3 / 30000 m^3	Above Ground	Cylindrical	Vertical	Toxic / Fire & Explosive	YES	280 m		
	Oxygen (LOX)	Reactive	100 KL / 90 KL 1000 KL/900 KL	Above Ground	Cylindrical	Vertical	Reactive	YES			
	LPG	Flammable / Fire & Explosive	688 MT/540 MT	Above Ground	Cylindrical	Horizontal	Flammable / Fire & Explosive	YES	380 m		
	Hydrogen	Fire & Explosive	50 KL / 45 KL	Above Ground	Cylindrical	Vertical	Fire & Explosive	YES	280 m		
Indian Oil Corporation Limited	High Speed Diesel	Flammable	20000 KL	Above Ground	Cylindrical	Vertical	Fire, Explosion	YES			
	Motor spirit (Sump tank)		20 KL	Under Ground	Cylindrical	Horizontal	Fire, Explosion	YES			
	High Speed (Fuel Oil tank)		20 KL	Under Ground	Cylindrical	Horizontal	Fire, Explosion	YES			

Hazardous Chemical Storage Points Details									
Organisation Name	Hazardous Chemicals / SubstancesName	Hazardous Chemicals Type (Flammable/ Reactive/ Explosive/ Toxic)	Hazardous Chemicals Quantity (Volumetric Capacity/ Max Qty can be Stored/ Inventory)	Type of Storage(Under Ground/ Submerged/ On the Ground/ Above Ground)	Type of Container (Spherical /Box Type/Cylindrical)	Type of Alignment (Horizontal/ Vertical)	Hazard Anticipated (Fire/Explosion/ Toxic release)	MSDS (Material Safety Data Sheet) of the Chemicals	Vulnerable Zone in case of Emergency(Radius in Km/Meter)
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Critical Facilities/Infrastructure situated within close proximity of the Factories/Industries or Chemical Storage PointsTable-11.3

tory Compliance			
Organisation Name	Status of licence under different Acts/Rules	Status of Safety & Health Policy	Safety Management System
Bhushan Power & Steel Ltd., Sambalpur	Factories Act, 1948 & Orissa Factories Rules - **Complied**	Complied	Status of Stability Certificate wrt plant & buildings – **Complied**
	Consent under Air Act & Water Act from SPCB, Odisha - **Complied**		Constitution of Safety Committee and regular meetings – **Complied**
	NOC from Fire Department – **In process**		Deployment of Safety & Welfare Officers – **Complied**
	Notification of Site (Rule 8 of Orissa Factories (C of MAH) Rules, 2001		Safety Report – **Complied**
			Safety Audit – **Complied**
			On Site Emergency Plan – **Complied**
			Risk Assessment Study - **Complied**
			Mock Drills – **Complied**
			Periodical Inspection – **Complied**
			Training & Awareness – **Complied**
Indian Oil Corporation Limited	Factories Act, 1948 & Orissa Factories Rules	Available	Status of Stability Certificate wrt plant & buildings
	Consent under Air Act & Water Act from SPCB, Odisha		Constitution of Safety Committee and regular meetings
	NOC from Fire Department		Deployment of Safety & Welfare Officers
	Notification of Site (Rule 8 of Orissa Factories (C of MAH) Rules, 2001		Safety Report
			Safety Audit
			On Site Emergency Plan
			Risk Assessment Study
			Mock Drills

			Periodical Inspection
			Training & Awareness

Statutory Compliance of the Factories/IndustriesTable-11.4

Nearest Hospital Details of the Factories/Industrial Units

Hospital Details										
Organisation Name	**Nearest Hospitals (Govt/Private) Name**	**Hospital Address**	**District Name**	**City**	**Pin Code**	**Lat-long**	**Chief Medical Officer / Hospital Superintendent Name**	**Chief Medical Officer / Hospital Superintendent Mobile Number**	**Chief Medical Officer / Hospital Superintendent Email**	**Infrastructural Facilities**
Hindalco	VIMSAR	Burla	Sambalpur	Sambalpur	768017		Prof. Lalmohan Nayak	06632430768	suptd.vimsar@gmail.com	
Aditya Alumina/Shyam Metalics/JSW BPSL	Rengali PHC(N)	Rengali	Sambalpur	Sambalpur	768212		Dr. Aswini Sa			

Nearest Fire Station of the Factories/Industries Table-11.5

Fire Stations Details											
Organisation Name	**Area fire station name**	**Hospital address**	**District Name**	**City**	**Pin code**	**Lat-long**	**Fire Officer Name**	**Fire Officer Designation**	**Fire Officer Email-id**	**Fire Officer Mobile Number**	**Facilities Available**
Sambalpur FS	Modipara	DHH, Sbp	Sambalpur	Sambalpur	768001		S.K. Biswal	Assistnt Fire officer	Sbpfs101@gmail.com	9439681844	4-Fire Tender/Capacity, Foam Materials (Yes)
Burla Fs	Burla	VIMSAR	Sambalpur	Sambalpur			B. Patel	Stataion Fire Officer	Sbpfs101@gmail.com	9861192935	Fire Tender/Capacity, Foam Materials (Yes)
Rengali Fs	Rengali	Rengali CHC	Sambalpur	Sambalpur			Dushmant Mishra	Stataion Fire Officer	Sbpfs101@gmail.com	7978891126	Fire Tender/Capacity, Foam Materials (Yes)

11.6 Stakeholders to be informed in case of an Industrial Accident

Table11.6

Designation	Organisation/ Department name	Name	Mobile Number	Office Phone	Email
Nodal Officer,	SRC				
DM & Collector, Sambalpur	District Administration (Collector, Emergency Officer, ADM)	Smt. Ananya Das , IAS	9205207183	06632411001	dm-sambalpur@nic.in
SP, Sambalpur	Home department	Sri Battula Gangadhar, IPS	8763459547		spsbp.odpol@nic.in
RO, Pollution, Sambalpur	State pollution control board	Sri Ramsh Kumar Ekka	9437221216		rospcb.sambalpur@ospcboard.org
MVI	RTO	Sri Pramod Kumar Sahu	9439018340		rto_sambalpur@yahoo.co.in
Asst.Director F&B	Department of Factories and Boiler	Sri Umakant Samantray	8895255222		factblrs.sambalpur@yahoo.com
Chief CSO	CSO	Sri Subodh Kumar Mallick	9437259289		cso.sambalpur2013@gmail.com
SAMBAL	NGO	Sri Sobodh Kumar Panda	9816087787		NA
Range Fire Officer	FIRE	Sri Debendra Swain	9348456479		sambalpurfs@gmail.com
Plant Manager	OIL INDUSTRIES (HPCL, BPCL, IOCL)	Sri Narendra Tiwary	9586733194		tiwarin@indianoil.in
District Projet Officer	OSDMA	Mrs Geetanjali Sa	8895092100		ssdma.sambalpur@gmail.com

Chapter 12- Biological Disaster & Public Health in Emergencies

10.1 Biological Disaster Management & Medical Preparedness

Biological disasters, be they natural or man-made, can be prevented or mitigated byproper planning and preparedness.

Table 12.1 Nodal Departments for Managing Biological Disaster

Sl No.	Bio Disaster	Nodal Department	Contact person
1	Biological Disaster	H&FW Department	CDM &PHO (District)
2	Bio Terrorism/ War	Home Department	SP
3	Animal Health Disaster	F&ARD Department	CDVO (District)
4	Agro – Terrorism	A&FE Department	CDAO

12.2 Legal Framework

Stringent Legal frameworks must be drawn & enforced in order to:

- Prevention, mitigation and control of the spread of biological disaster at all level.
- Managing the prevailing and foreseeable public health concerns, threat ofbiological weapons by adversaries and cross-border issues.
- Notify the affected area, restrict movements or quarantine the affected area, enterany premises to take samples of suspected materials and seal them.
- Establish controls over biological sample transfer, biosecurity and biosafety ofmaterials/laboratories.

12.2 Institutional & Operational Framework

SDMA will coordinate all the disasters including those of biological origin in the state. A multi-sectoral approach must be adopted involving H&FW, Home Department, PR&DW,SSEPD, F&ARD and A&FE.

12.2.1 The intelligence and deterrence required & the management structure must be identified and strengthened so as to act as one crisis management structure, committees, task forces and technical expert groups preferably within the Nodal department

Table 12.2- Crisis Management Committee

A crisis management committee has been formed at state level to deal with any crisis arises due to the said disaster.

Preventive Measures

- An epidemiological intelligence gathering mechanism to deter a BW/ BT attack;
- A robust surveillance system that can detect early warning signs, decipher the epidemiological clues to determine whether it is an intentional attack;
- Capacity building for surveillance, laboratories, and hospital systems that can support outbreak detection, investigation and management.
- Developing a biological disaster response plan
- Pre-exposure immunisation (preventive, if available any) of first responders against anthrax and smallpox must be done to enable them to help victims' post- exposure.

Pre-Disaster Preventive Measures

- Important buildings and those housing vital installations need to be protected against biological agents wherever deemed necessary through security surveillance.
- Restricting the entry to authorized personnel only by proper screening,
- Installation of High Efficiency Particulate Air (HEPA) filters in the ventilation systems to prevent infectious microbes from entering the circulating air inside critical buildings.
- Those exposed to biological agents may not come to know of it till symptoms manifest because of the varied incubation period of these agents. A high index ofsuspicion and awareness among the community and health professionals will helpin the early detection of diseases.
- Environmental monitoring can help substantially in preventing these outbreaks.
  - Water Supply: A regular survey of all water resources, especially drinking water systems, & proper maintenance of water supply and sewage pipelinewill go a long way in the prevention of biological disasters and epidemics of waterborne origin.
  - Personal hygiene: Necessary awareness must be created in the community about the importance of personal hygiene, and measures to achieve this, including provision of washing, cleaning and bathing facilities, and avoiding overcrowding in sleeping quarters, etc. Other activities include making temporary latrines, developing solid waste collection and disposal facilities, and health education.
  - Environmental engineering work and generic integrated vector control measures including.
  - Elimination of breeding places by water management, draining of stagnant poolsand not allowing water to collect by overturning receptacles, etc.
  - Biological vector control measures e.g. Gambusia fish, as an important measurein vector control.
  - Outdoor fogging and control of vectors by regular spraying of

insecticides.

Table 12.7 Important/Critical Infrastructure

Sl	Infrastructure/ Institution Type	Dept./Instt.	Contact person withcontact Details
	NA	**NA**	**NA**

Post-Disaster Preventive Measures

- When exposure is suspected, the affected persons shall be quarantined and put under observation for any atypical or typical signs and symptoms appearing during the period of observation.
- Health professionals who are associated with such investigations will have adequate protection and adopt recognised universal precautions.

- It often may not be possible to evolve an EWS. However, sensitisation and awareness will ensure early detection.
- Dead bodies resulting from biological disasters increase risk of infection if not disposed off properly. Burial of a large number of dead bodies may cause water contamination. With due consideration to the social, ethnic and religious issues involved, utmost care will be exercised in the disposal of dead bodies.

12.8 Infrastructure that can be used as quarantine centres

Temporary Medical Centre (TMCs)

Sl	Name of the Block/ ULB	Total No. of GPs/ Wards	Total No. of CTMCs/ TMCs created	Total No. of beds
1	2	3	4	5
1	Bamra	17	7	320
2	Dhankauda	9	5	250
3	Jamankira	21	7	235
4	Jujomura	18	8	350
5	Kuchinda	17	5	180
6	Maneswar	12	13	335
7	Naktideul	14	6	238
8	Rairakhol	14	6	250
9	Rengali	16	5	250
10	Kuchidna NAC	11	1	20
11	Rairakhol NAC	13	1	25

12	SMC	41	9	570
Total			73	3023

Quarantine Facility in Residential Schools

At 101 residential school existed in 9 numbers of Blocks and all ULBs of the district quarantine facility has been ensured. The detail list is available in DDMP volume-II for reference.

Quarantine Facility in Residential Colleges

Sl	Name of the residential college	Total No.of students in the college	Total No. of students in hostel / residential facility	No. of rooms identified as isolation rooms/ quarantine facility			No. of beds available in isolation rooms/ quarantine facility		
				No. of rooms for Male	No. of rooms for Female	Total	No. of Beds for Male	No.of Beds for Female	Total
1	2	3	4	5	6	7	8	9	10
1	VSSUT, Burla	4643	3269	7	11	18	28	36	64
2	GM University, Sambalpur	6235	503	10	5	15	20	13	33
3	IIM, Sambalpur	260	27	4	4	8	26	11	37
4	Sambalpur University	1800	1059	30	30	60	30	30	60
5	Open University, Sambalpur								
Total		12938	4858	51	50	101	104	90	194

Quarantine Facility in Residential Industrial Establishment

Sl	Name of the Industrial Establishment having residential accommodation	Total no of persons in residential accommodation			No. of rooms identified as isolation rooms/ quarantine facility			No. of beds available in isolation rooms/ quarantine facility		
		Male	Female	Total	No. of rooms for Male	No. of rooms for Female	Total	No. of Beds for Male	No.of Beds for Female	Total
1	2	3	4	5	6	7	8	9	10	11
1	JSWBPSL, Sambalpur	3400	2300	5700	14	7		44	22	66
2	MCL, Burla	1800	1300	3100	0	0	0	0	0	0

3	Hindalco, Hirakud									22
4	Shyam metallics, Rengali	2000	0	2000	15	5	20	30	10	40
Total		7200	3600	10800	29	12	20	74	32	128

Quarantine Facility in CCC

Name of the CCC	Total Bed functional	No. of beds with oxygen support		
		Cylinder	Concentrator	Total
CCC Burla	600	47	26	73
DCHC Kainsir	600	50	21	71
CCC Kuchinda	100	6	9	15
CCC Rairakhol	100	10	8	18
Total	**1400**	**113**	**64**	**177**

Chapter 13- Preparedness

13.1 Relief Lines: District to Blocks

District to Blocks					
Sl. No	**Name of the Road**		**Type of Road & Length**	**Vulnerability of the route (Description of the Vulnerability)**	**Coverage (Blocks)**
	From	**To**			
1	Sambalpur	Bamra	State Highway-99 Km.	4 Km.Before Kuchinda a narrow bridge is under repair	Bamra
2	Sambalpur	Dhankauda	R&B Road-3 Km.		Dhankauda
3	Sambalpur	Jamankira	State Highway-55 Km.	Badarama Ghati is situated in this route .Sharp, frequent turnings and straight upward roads are found in this road throughout the hilly area.	Jamankira
4	Sambalpur	Jujumura	National Highway-32 Km.	Around 10 to 15 km. are covered with forest area, many big trees are found by road side and in cyclone situation may cause blockage due to tree fall.	Jujumura
5	Sambalpur	Kuchinda	State Highway-85 Km.	4 Km.Before Kuchinda a narrow bridge is under repair .Only one four wheeler vehicle can pass through the bridge at a time.	Kuchinda
6	Sambalpur	Maneswar	R&B Road-9 Km.		Maneswar
7	Sambalpur	Naktideul	National Highway-67 Km.State Highway-18 Km.	Around 60 to 70 km. are covered with forest area, many big trees are found by road side and in cyclone situation may cause blockage due to tree fall.	Naktideul
8	Sambalpur	Redhakhol	National Highway-67 Km.	Around 40 to 50 km. are covered with forest area, many big trees are found by road side	Redhakhol

				and in cyclone situation may cause blockage due to tree fall.New Road construction is goin on, may found many diversion and new patches.	
9	Sambalpur	Rengali	National Highway-26 Km.	Speed limit to 80 Km/ Hr. avoid any accident	Rengali

13.2 Relief Line Channels: Block to GPs & Villages (Based on past records)

Refer Table No. 13.2 in DDM Volume-2

13..3 available: Response Resources force & Volunteers

Sl. No	Response Force/	Capacity (In Nos.)	No. of trained person			Name of Nodal Person	Contact Details (Mobile/Phone)
			Search /Rescue	First Aid	Relief line Clearance		
1	Police	1254	-	-	-	Superentendent of Police, Mr. Battula Gangadhar (IPS)	0663-241910
2	Home Guards	622	-	-	-	DST Home Guards, Mrs.Sabita Panda	9437149070 /0663-2412330
3	NCC	3200	-	3200	-	Col. Hyderi	0663-2400560
4	Fire	10 Nos F.S.	147	-	-	AFO, Sambalpur Mr. J. Biswal	0663-2520101 Cell-9439681844

13.4 Preparedness at District level

All the actions mentioned above are to be carried out by different departments/agencies participating in the District Disaster Management Plan. It is necessary that all the departments have well defined standard operating procedures and preparedness checklists. It is absolutely important that all the departments / agencies are very familiar with the overall plan and the procedures specifically applicable to them and report diligently upon their implementation. The Standard Operating Procedures (SOPs) of various departments at district level in this regard has been developed and given as under:

Task	Activity
District Emergency operation Centre (DEOC)	➢ Test Checkup of all communication Interfaces in regular interval ➢ Proper manning of the Control Room as per Para-10 of the Odisha Relief Code ➢ A dedicated vehicle must be earmarked for Control Room
Upward & Downward Communication	➢ Have a list of Nodal person with contact details ➢ Establish regular linkages with all important stakeholders ➢ Contact SEOC regularly
Meeting of DDMA (Heads of the department & stakeholder)	➢ DDMA must meet twice every year & before any disaster ➢ Fix time & venue for regular Preparedness meeting to Assess preparedness of District /Department /Civil Society /Block Community /Family /Individual level regularly ➢ Circulate the minutes of the meeting with clear-cut role & responsibility
Capacity Building	➢ Identifying & designating Nodal Officer for different Dept. ➢ Capacity building & skill upgradation of ODRAF/Fire services/ Police/Home Guard ➢ Identify Volunteer like Civil Defense/Cyclone shelter Task Force/NCC/NSS/Scout & Guide & train them on Search & Rescue, First aid, evacuation etc.

	➢ Take stake of required materials for search & rescue, first aid, casualty management, evacuation, relief etc. & update IDRN portal regularly ➢ Assess preparedness through Mock drill at District, Block & Community level
Shelter Management	➢ Take necessary steps for operation & maintenance of shelters ➢ Test Check of various Equipment at shelter level & repair of the defective ones ➢ Ensure regular meeting of Shelter committee ➢ Assess Shelter level preparedness through Mock drill l
Planning & Reporting	➢ Collect & transmit Rain fall data regularly ➢ Collect & transmit weather report regularly ➢ Ensure preparation of Disaster Management Plans & Safety plans at all levels ➢ Capacity building of all Stake holders ➢ Integrate the District plan with block & Village disaster management Plans ➢ Develop healthy media partnership

9.5 Preparedness at Community Level

Task	**Activity**
Early Warning Dissemination	➢ Build regular linkages with BEOC & DEOC ➢ Test Check of various Equipment at shelter level & repair of the defective ones ➢ Keep updates from BEOC/DEOC ➢ Monitor & Transmit updates to BEOC ➢ Supply required information to BEOC & DEOC
Ensuring Preparedness	➢ Have a list of Nodal person deployed in the village with contact details ➢ Identification of safer routes & shelters

	➢ Identify possible ways to reach persons like Farmers/Fisherman/NTFP collectors etc. who ventures into fields, sea & forest respectively ➢ Build teams from among the task force on Search & Rescue, First aid, Damage & loss assessment ➢ Assess preparedness at Family/Individual level ➢ Test Check-up of equipment's
	➢ Understand Local dynamics exposed & vulnerable to different disaster ➢ local Social Economic & weather conditions ➢ Develop Village DM plan ➢ List of emergency contact Nos. & display it in Centre places. ➢ Participate in the activities of Preparing village Disaster Management, developing Safety plans, Capacity building Programmes & Mock Drills

9.6 Preparedness at Family Level

Task	**Activity**
Warning Communication	➢ List the minimum Important requirements Keep all the important Documents in a water proof polythene ➢ Record the Safe & alternative routes to shelter ➢ Keep News update in Radio/TV
Preparedness	➢ Always keep in readiness a "Ready to go Emergency Kit" containing Dry food (for 72 hours x Family member), Drinking water (2ltr/per person per day), Hand wash/soap, Important Documents/Valuables, Whistle/match box/lighter/ torch/battery/ umbrella, Mobile & charger / radio ➢ Family must have a "Ready to go First Aid Kit" containing Iodine/ Band aids/ Cotton/ Medicines/ ORS/ ointments/ scissor/ halogens etc. ➢ Assess preparedness on a regular basis by checking Radio/Mobile/ Emergency Kit/First Aid Kit/Fuels & Kerosene (as per need)

	➢ Replace the damaged outdated or expired materials with new ones.
Capacity Building	➢ Participate & involve in the activities of village disaster Management plan, preparation of Safety plans, participate in Capacity building Programmes & involve in Mock Drills

9.7 Preparedness at Individual Level

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

9.8 Preparedness of Departments

The Government departments playing lead or support roles in disaster preparedness are:

Name of the Department	Normal Time
Collector/ADM / Emergency Officer	➢ Ensure regular meetings of District Disaster Management Authority ➢ Develop & update Disaster Management Plan, carry out Hazard analysis in the district ➢ Identify safe alternate routes to cyclone shelters. ➢ Keep a list of Contacts of EoCs, Nodal officer of different departments, Important stake holders, Village leaders, shelters ➢ List of Relief lines & storage places ➢ List & maintenance of SAR equipment ➢ Capacity building of stakeholders & volunteers ➢ Asses preparedness through Mock Drills for different disasters at district department, block & community level ➢ Adopt sustainable mitigation measures ➢ Integrate DM & DRR features in development programmes
CDMO	➢ Disaster Management Plans & Safety plans for Hospitals ➢ Capacity building of Medical & Para Medical Staffs ➢ Assess preparedness through Mock Drills & familiar exercises ➢ Integrate department plans with plans with Village & Block Plans and development programmes ➢ Develop media partnership ➢ Develop capacity of hospitals with advance equipment, proper manning & disaster resilient infrastructures ➢ Stock piling of Life saving drugs/ORS packets/Halogen tablets on receipt of warning from the Collector/DCR ➢ Transmission of messages to all PHCs to stock medicines and keep the medical staff ready ➢ Disease surveillance and transmission of reports to the higher authorities on a daily basis. ➢ Vaccination. ➢ To obtain and transmit information on natural calamities from the DCR

Superintendent of Police (SP)	➢ Reception of Warning from the DCR ➢ Communication establishment with District and Block/Tahasil Control rooms and departmental offices within the division. ➢ Alerting the APR force for deployment at the time of calamity ➢ To issue directive to police field functionaries to co-operate with Revenue Personnel in management of Relief operation.
EE- RWSS	➢ Review and update precautionary measures and procedures and review with staff the precautions that have been taken to protect equipment. ➢ Within the affected block, all available personnel will be made available to the District Magistrate. If more personnel are required then out of station official or those on leave may be recalled. ➢ Prepare plans for water distribution to all transit and relief camps, affected villages and cattle camps and ensure proper execution of these plans. ➢ Inform people to store an emergency supply of drinking water ➢ Investigation of alternate of water and its supply. ➢ Standby diesel pumps or generators should be installed in damage-proof buildings. ➢ A standby water supply should be available in the event of damage, saline intrusion or other pollution of the regular supply.
EE- Irrigation	➢ Check the wireless network and ensure that all the flood stations are connected. ➢ Establish mechanisms for exchange of information with irrigation divisions ➢ Inspect all the Bundhs, and check their height and slope. ➢ Check the top of the Bundhs, and if they have been cleared of encumbrances / encroachments and if they are motorable ➢ Check that all the Bundhs have been repaired/ reinforced, in particular those Bundhs which were damaged during the last floods. ➢ Check the drainage system of the Bundhs and ensure that the seepage and rat holes, etc. have been closed.

	➢ Check the regulators and siphons. Check thatthey have been repaired and cleaned, increasing the flow of water. ➢ Check all the anti-erosion works, necessary to maintain the Bundhs.
DAO- Agriculture	➢ Review and update precautionary measures and procedures. ➢ Check available stocks of equipments and materials which are likely to be most needed during and after flood/disaster. ➢ Stock agricultural equipments which may be required during and after flood. ➢ Determine what damage, pests or disease may be expected, and what drugs and other ➢ insecticide items will be required, in addition to requirements of setting up extension teams for crop protection, and accordingly ensure that extra supplies and materials, be obtained quickly.
EE- Rural Works	➢ Govt. buildings should be inspected and necessary repairs to be got executed to with standing hazards affected. ➢ Script for slides, pamphlets, and cultural programmers should be got prepared immediately. ➢ Arrangements should be made to obtain poster and films by addressing the Director through the Collectors. ➢ Public addresses equipment should be obtain kept ready
EE- Public Works	➢ All personnel required for disaster management should work under the overall supervision and guidance of DM. ➢ Review and update precautionary measures and procedures, and review with staff the precautions that have been taken to protect equipment. ➢ Vehicles should be inspected, fuel tanks filled and batteries and electrical wiring covered as necessary. ➢ Maintain all the highways and access roads, which are critical from the point of view of supplying relief. ➢ Inspect all buildings and structures of the state government (including hospital buildings.) by a senior engineer and identify structures which are endangered by the impending disaster.

	➢ The designation of routes strategic to evacuation and relief should be identified and marked, in close coordination with police and District Control Room ➢ Establish a priority listing of roads which will be opened first. Among the most important are the roads to hospitals and main trunk routes ➢ Work under construction should be secured with ropes, sandbags and covered with tarpaulins if necessary. ➢ Construct/ reinforce the connecting roads from villages to roads, canals and Bundhs and raise their level so that people can access the high ground.
DTO-Telecom	➢ Assess the different disaster scenarios and match the communications needs with the available resources. ➢ Ensure that TSPs (private and public) invest in preventive measures that will ensure maximum robustness and preparedness of the telecom networks during emergencies. ➢ Ensure that TSPs (private and public) develop detailed emergency plans for management of resources under their responsibility.
CDVO	➢ Call for emergency meeting to take stock of the situation. Develop a strategy and objectives. Review and update precautionary measures and procedure and review with staff the precautions that have been taken to protect equipments. ➢ Prepare a list of water borne diseases that are preventable by vaccination. ➢ Publicize the information about common diseases afflicting livestock and the precautions that need to be taken. ➢ Assist the Revenue Department in preparing plans for cattle campus and cattle feeding centers. ➢ Stock emergency medical equipments which may be required during and post disaster Surgical packs should be assembled and sterilized.

	➢ Enough stock of surgical packs should be sterilized to last for four to five days. ➢ repare an area of the hospital for receiving large number of livestock. ➢ Develop emergency admission procedures (with adequate record keeping). ➢ Establish cattle camps and additional veterinary aid centres at affected sites and designate an Officer In-charge for the camp.
RTO/MVI	➢ Prepare a list of vehicles- trucks, buses, jeeps, tractors, etc of government and private agencies in the district and provide the list to the District control room. ➢ Provide requires vans and ambulances for mobile health and animal husbandry teams. ➢ Provide trucks, buses, jeeps, tractors, etc for evacuation and supply chain management ➢ Issue standing instructions to the State transport department for providing buses for evacuation and relief..
DFO	➢ Develop and quarterly update the disaster management plan that includes the Contingency Action Plan for the Department based on HVRC analysis with the active involvement of all concerned line departments and local bodies in the district ➢ Make personnel available to the District Magistrate, within the affected block,. If more personnel are required, recall those on leave. ➢ Identify areas that could be opened or made available for grazing or fodder collection in case of disaster ➢ Ensure that adequate supply of small poles or bamboo is available for reconstruction of houses of the affected people, as well as wood for cremation of dead. ➢ Ensure plantation to the maximum possible extent.
Railway	➢ Identification of flood prone areas, RAT, RAW and information prone to erosion/breaches and marking them on railways system map.

	➢ Development of Flood Shelters for staff and passenger at suitable locations in the areas prone to repeated floods.
EE-Electricity/OPTCL	➢ Review and update precautionary measures and procedures and review with staff the precautions that have been taken to protect equipment. ➢ Ensure that the Power Supply department to make alternate arrangements of emergency supply for the major offices from time of receipt of districts ➢ Check emergency tool kits, assembling any additional equipment needed. ➢ Provide information to the people about the state of power supply. It is one of the most important sources of information. Establish temporary electric supplies to other key public facilities, public water system etc. to support emergency relief. ➢ Establish temporary electric supplies to transit camps feeding centres, relief camps and Site Operation Centre, District EOC and on access roads to the same. ➢ Establish temporary electric supplies for staging area. ➢ Compile an itemized assessment of damage, from reports made by various electrical receiving centres and sub-centres.
EE – PHED	➢ Formation of Disaster Management Cell and manning with senior personnel drawn from key sections of the dept. ➢ Formulation of Public Health Engineering related programme and activities by intonating them with hazard specific preventive and mitigation measures. ➢ Creation of stocks of installation materials at the district level for use in emergencies. ➢ Orientation and training of a team of technicians to do installation as quickly as possible. ➢ Strategizing the installation of hand-pumps etc. with hazard profile of the area in mind.

	➢ In consultation with the Department of Education and DMD, provision of additional sanitation and drinking water facilities in schools and relief shelters where people take refuge during flood. ➢ Procurement, upkeep and maintenance of sanitation equipment for use in emergencies.
DPS, SSA-School & Mass Education/ DEO - Higher Secondary Education	➢ Formation of Disaster Management Cell and manning the same by senior personnel drawn from key Directorates. ➢ Incorporating costs for preventive and mitigation measures for earthquake, flood, fire and cyclonic storm prone areas to construct disaster resistant school buildings. ➢ In association with Fire Dept. getting fire extinguishers installed in schools and teachers identified and trained in operating them. ➢ Awareness Generation Programmes about Hazard, the kind of preparedness required and how to act at the time of disaster shall be organized in schools on monthly basis.
BDO/Tahasildar	➢ Providing authentic information required by the DCR ➢ Preparing a record of previous disasters in the locality and analyzing the effects ➢ Preparing hazard maps of the Block./Tahasil & the GPs in minute details ➢ Mapping the cut off areas with alternate route map. ➢ Identification of shelter places in the maps ➢ Crosschecking with the DCR for the authenticity of the warnings ➢ Dissemination of warning/ coordination with District control room. ➢ Warning the people about probable affected areas.

Chapter-14 Response

Response refers to activities done for handling disaster to bring the situation to normalcy not exceeding fifteen days from the abatement of disaster. The onset of an emergency creates the need for time sensitive actions to save life and property, reduce

hardships and suffering, and restore essential life support and community systems, to mitigate further damage or loss and provide the foundation for subsequent recovery.

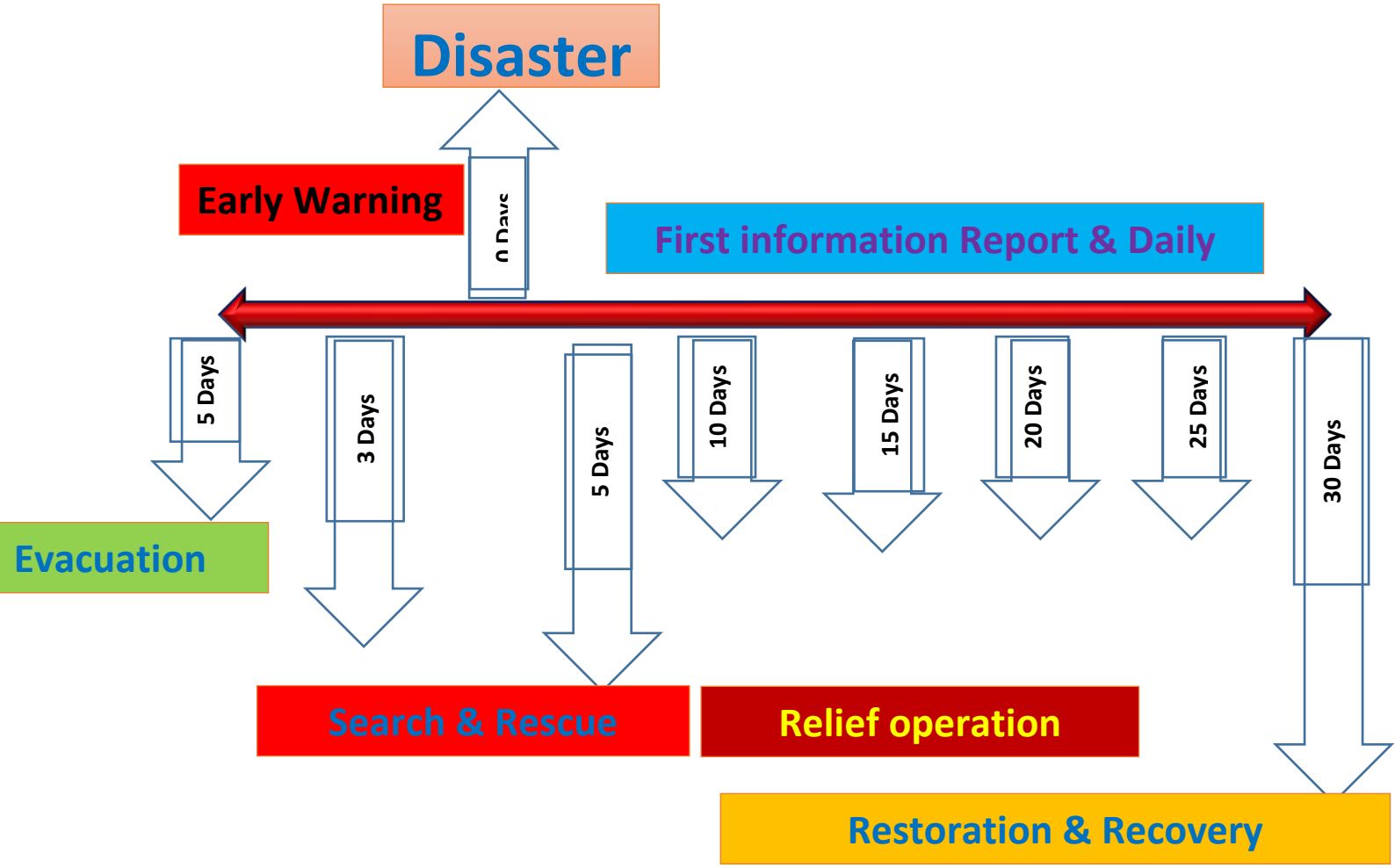
. Sambalpur district is vulnerable to the following hazards:

- Drought, /Heat waves/Floods /Fire /Epidemics/Lightening/Drowning

.1 Phases of Response: Timeline

Timeline of various phases of response is presented in the following diagram.

Figure 0-1 Timeline of various phases of response



Relief Management: Timeline

The relief management along with the time frame allotted is diagrammatically reflected below.

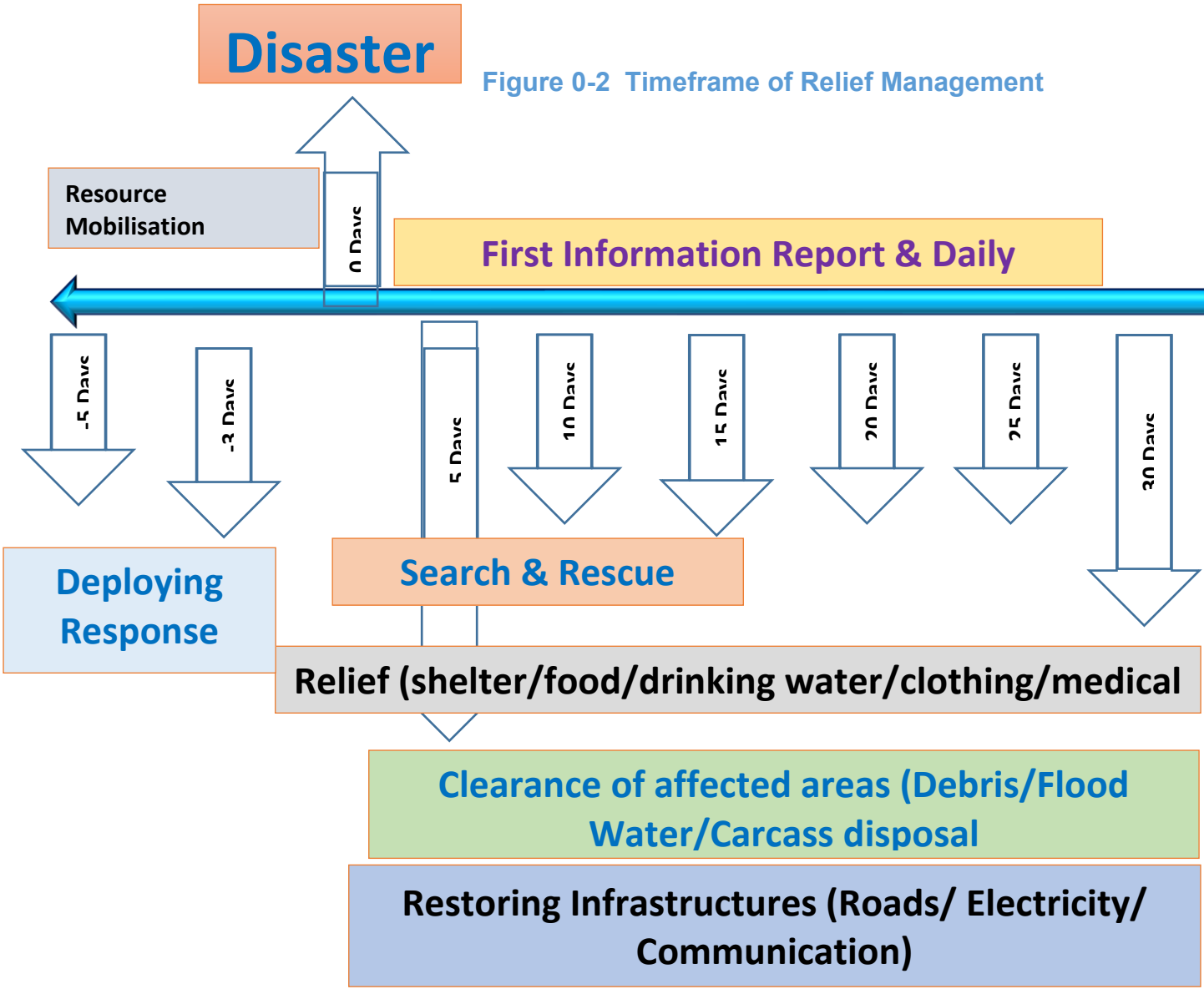


Figure 0-2 Timeframe of Relief Management

10.3 Response : District level

Table No.10-1

Task	Activity
Warning Communication	• Warning dissemination to the list of Nodal person & concerned BDOs • Recording the receipt of information & regular Status update • Transmitting updates to SEOC in regular interval as instructed
Meeting of DDMA (Heads of the department & stakeholder)	• Collector to take up a department coordination meeting & distribute works among all the Departments • Collector issues circular to keep Govt. offices open cancelling all holidays. • A fixed time to be finalized every day for reporting at all level. • A nodal officer is identified for media management • Circulate the minutes of the meeting with clear-cut role & responsibility
Pre-positioning of staff, resources & Evacuation	• Identifying & designating Nodal Officer for different stages of disaster & affected areas. • Positioning of ODRAF/NDRF/Fire services/ Police/Home Guard in the affected areas • Pooling Volunteer services (Civil Defense/Task Force/NCC/NSS/Scout & Guide) • Take stake of required materials for search & rescue, first aid, casualty management, evacuation, relief etc. • Make necessary arrangements of shelters for evacuation • Constitute a special team for special care to vulnerable section like Specially abled, Sr. Citizen, Pregnant & lactating women, Infants & children etc.
Rersponse	• EOCs to Ensure back up (Power/Fuel/internet/ Communication at Dist/Dept. & Block levels • Response force under guidance of Nodal officers ensure complete Evacuation (Human/ Animal), carry out Search & Rescue, clear relief lines, • Collector to submit requisition of vehicle/boat/ helicopters & list of support from state & Centre to all concerned authorities • CSO to store required relief materials (Chhuda. Gur, Dry Foods) in the nearby storage points • CDVO to store, transport & distribute required fodders for animals to the affected areas

	• Cyclone shelter committee & Village Disaster management committee to organize free kitchen in the shelters with help of revenue dept. • EE- RWSS & CDMO to ensure supply of drinking water, disinfection of water & maintain Health & hygiene in the shelters • CDMO to carry out First aid & casualty management • Collector to collect & transmit First Information Report (FIR) & Daily Situation Report as per requirement

14.3 Response : Community Level

Table No.10-2

Task	Activity
Response	• DEOC to dissesiminate warning communication to BEOC & Community • Response force to ensure Power/Fuel/internet/ Communication at Shelters back up • Supply Inspectors & Marketing Inspectors to distribute relief materials with response force, Task force & volunteers • Response force to carry out Search & Rescue measures, Emergent relief operation, Relief line clearance, distribution of relief • Doctors to carry out First aid & casualty management, Carcass disposal & sufficient mortuary facility in the affected areas

10.4 Response: Family & Individual Level

Table No.10-3

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

14.4 Response: Standard Operating Procedures for Departments has been prepared in this regard.

Table No.10-4

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

	• Measures to dis –infect drinking water • Availability of Blood Banks/Ambulance		
Superintendent of Police (SP)	• Keeping close contact with District Emergency Officer. • Deploy personnel to guard vulnerable embankment points Alert Police officials to remain at the Head Quarter	• Collection of vital information • Inform DEO after getting authentic message	• Support District officials and volunteers during search and rescue operation • Assist fire brigade personnel in their efforts • Maintain law and order situation
EE- RWSS	• To inform all its staff members to report their respective headquarters • Close contact with DEO • Arrangement of water tankers • Procurement collection of water purifiers • Stockpiling of accessories • Repairing the defunct tube-wells Raising platforms/height of the tube wells in low lying areas.	• Coordination of the information and keeping a strict vigil over the situation and act accordingly. • Maintenance of record for information generation and dissemination. • Co-ordinate with DistrictAdministration	• Damage assessment • Identification of areas for clearance • Delegation of team • Monitoring of work Proposal to the government for repair and restoration

EE- Irrigation	• Suspension or cancellation of all leaves of instruction to the concerned person to join head quarter immediately. • Arrangement of all-important telephone line and number in order • Arrangement or requisition of Jeeps/ Trekkers/ Auto Rickshaw to disseminate received warning information to the population of vulnerable/ weak places. • Maintenance of record for information generation and dissemination. • Co-ordinate with District Administration • Deployment of concerned staff to update information • Rain recording and submission of report to District Control Room. Arrangement of sand bags	• Coordination of the information and keeping a strict vigil over the situation and act accordingly. • Maintenance of record for information generation and dissemination. • Co-ordinate with District Administration	• Damage assessment • Identification of areas for clearance • Delegation of team • Monitoring of work Proposal to the government for repair and restoration
DAO- Agriculture	• List of different areas to be affected by different hazards • Crop pattern with land holding • List of irrigation points with status	• Alternative crop • Provision of seeds and others • Coordinating with others	• Assessment of damage • Coordinating with others

	• Alternative crop • Provision of seeds and others • Crop insurance • Generate seed bank/grain bank at village level		
EE- Rural Works	• Identification of weak points • Stockpiling of materials. • List of vulnerable villages for building materials • Awareness generation Formation of Zones/Sub-zones	• Coordination with Search & rescue team in for rescue & guarding of vulnerable pockets	• Loss assessment.
EE- R&B	• Identification of weak points • Stockpiling of building materials • List of dealers for building materials • Arrangement of equipment for road clearance •	• Coordination of the information and keeping a strict vigil over the situation and act accordingly. • Maintenance of record for information generation and dissemination. • Co-ordinate with District Administration	• Damage assessment • Identification of areas for clearance • Delegation of team • Monitoring of work Proposal to the government for repair and restoration
DTO-Telecom	• Checking the communication conection ststus.	• Coordinating for effective communication.	• Loss assessment.

	• Telecome wire connection vulnerable situation accesment.	• Checking for uninterrupted communication facility.	• Repair and post disaster maintainance.
CDVO	• Data base on animal population with categories • Listing out possible problems on account of different hazards • List of dealer of feeds/fodder • List of cow sheds • Trained the taskforce to use of medicine	• Programme for mass vaccination	• Capacity building for cattel and other milched animal growth.
RTO/MVI	• Identify and take stock of the vehicles present with corresponding owners • Meeting with the owners of the vehicles	• Provide required vehicles to the block functionaries	• Provide vehicle
DFO	Divide into teams in coordination with the Dist. admn. along with police, CD(Home) vol. and get ready for	• Deployment of fire officials at risk point • Arrangement for the safety of property of the people. • Arrange rescue kits. • Support admn officials and volunteers during evacuation operation	• Support District/Block officials and volunteers during search and rescue operation • Assist police/ CD home vol. personnel in their efforts Maintain law and order situation

		• Assist police , CD home personnel in their efforts	
Railway	• Arrengement of safety measure to prevent any unpleasant situation. • Trace out the route for transportation without any vulnerable.	• Arregement for alternative train for transportation. • Proper arrangement for rest of passenger in station.	• Loss assessment • Repairing of railway track if any damage occour.
EE- Electricity	• Arrangement of uninterrupted power supply at the temporary shelters • Replacement of weak electric poles/wires • Checking and correcting private connections • Stockpiling of necessary equipments and accessories	• Arrangement of uninterrupted power supply at the temporary shelters	• Restoration of power supply at all the sheltersUninterrupted power supply to the Medical/Block Office and other Important institutes • Damage assessment and transmission of the same to higher authorities • Quick installation/repair of damaged infrastructures
EE – PHED	• Ensuring sufficient water supply . • Checking the tankers and pipes stock with the department. • Access the quick route to the vulnerable point.	• Supply of hygienic and sufficient drinking water facility	• Arrangement of adequate pipe water supply to the place where disaster happened.
DEO- School & Mass Education	• Accessing the vulnerable schools where disaster will impact more. • Take maximum efforts to ensure no causality of students.	• Determine the area of usage for shelter purpose. • Arrangement of classes as per govt. guidelines	• Ensure the smooth functioning of schools. • Loss assessment.

14.5 Format for First Information Report (FIR)

on occurrence of natural calamity

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

From: District -_____ Date of Report:- _____

To

Special Relief Commissioner, Orissa
State Emergency Operation Centre (SEOC),
Rajiv Bhawan, Ground Floor, Unit-5, Bhubaneswar
Fax No: 0674-2534176, E-mail: relief_sr@yahoo.com/src@ori.nic.in

a. Nature of Calamity
b. Date and time of occurrence
c. Affected area (number and name of affected Blocks)
d. Population affected(approx.)
e. Number of Persons
- Dead/Missing/Injured
- Animals Affected/Lost

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

Authorised Signatory
District Emergency Operation Centre (DEOC)
District:-_____

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

14.6 Daily Status Report on Relief/ Restoration Measures Undertaken By Departments

1. Health Department.

Medical Relief Centres Opened-
Mobile teams deployed-
Wells disinfected-
ORS distributed-
Halogen Tablets distributed-
Minor Ailment Treated-

2. R.D. Department.

Mobile vans deployed-
Water tanker deployed-
ORS powder distributed-
Halogen Tablets distributed-
Water pouches distributed-
Bleaching powder distributed-
Sintex Tanks available-
Tube wells disinfected-

3. F S & CW Department

- ……Qtls. Chuda, ……. Qtls gur supplied to …… Blocks

(Qty .in quintals)

District	Chuda	Gur

- ……. Qtls of rice has been allocated to the Districts mentioned below

Blocks	Quantity allocated (in quintal)
	Total:

4. Fisheries & A,R.D. Department

- Animals vaccinated-
- Animals treated-

Damages to Roads/River Embakments

1. R.D. Department.

Roads damaged-
CD/Breach occurred-
Breach closed-
Building damaged-
Building collapsed-
Pipe water supply affected-
Tube Wells affected-

2. Works Department.

Roads damaged- /Breach occurred-/CD works damaged-
CDs washed away-
Breach closed-

3. W.R Department.

Breach occurred-
Breaches closed-
Breach closing works in progress

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Chapter 15 : Rehabilitation & Restoration

Rehabilitation and restoration comes under recovery phase immediately after relief and rescue operation of the disaster. This post disaster phase continues until the life of the affected people comes to normal. This pase mainly covers damage assessment, disposal of debris, disbursement of assistance for houses, formulation of assistance packages, monitoring and review, cases of non-starters, rejected cases, non-occupancy of houses, relocation, town planning and development plans, awareness and capacity building, housing insurance, grievance redress and social rehabilitation etc.

The District Disaster management Authority reviews the relief measures submit financial requisition to the state Govt. under SDRF & NDRF. The requisition must reach the SDMA & SRC office in the prescribed format as detailed below for smooth & quick processing.

15.1 Standard Operating Procedure: Restoration & Rehabilitation

Name of the Department	Normal Time
Collector/ADM / Emergency Officer	• Restoration of Critical Infrastructures to bring situation to normalcy • Ensure Restoration of roads & channels, Communication network, Electricity & Energy • Ensure health in the affected areas • Adopt sustainable mitigation measures in the restoration activities
CDMO	• Carry out Disease surveillance measures to check epidemic prone diseases

	• Dis-infection of drinking water & measures for health & hygiene • Rehabilitation of deprived & destitute • Carry out Trauma & Psycho-social counseling
Superintendent of Police (SP)	• Security arrangements for relief materials in transit and in camps etc. • Senior police officers to be deployed in control rooms at State & district levels during L 1 level deployment onwards. • Deploy personnel to guard vulnerable embankments and at other risk points. • Arrangement for the safety.
EE- RWSS	• Provision of tube wells at the squares, market places, bus stops, public buildings like schools, hospitals etc. to face the heat wave situation. • Alternate drinking water sources for the fluoride- affected areas like Roof top water harvesting, rainwater conservation and recycling. • Construction of drains in the villages for easy discharge of the flood water, wastewater and sewage • IEC campaign for safe drinking water and sanitation to prevent any health hazard in normal time in general and during disaster in particular.
EE- Irrigation	• Planning for new medium irrigation project and completion of the ongoing project in the rivers to increase the irrigational potential of the district. • Strengthening the weak points of the river embankments,

	• Provision of spurs, stone packing, launchings at the turning point and guide bank along the course of the rivers and big Nallas to prevent the damage during flash flood. • Constructions of culverts, cause ways and other cross drainage work for quick discharge of flood water and to prevent prolonged submergence causing damage to the important infrastructure. •
DAO- Agriculture	• Encourage the formation of social institution to increase their access to credit, market, insurance etc. like Producers/Growers association, • Cooperatives, Societies, Farmers club etc. • Capacity building of farmers and grass root extension workers on the modern agriculture practices, dynamic contingency crop planning, IPM, INM, alternate land use etc on • Popularization of Seed Village scheme and promotion of Community managed Seed Bank. •
EE- Rural Works	• Strengthening and restoration of infrastructure with an objective to eliminate the factor(s) which caused the damage.
EE- Public Works	• Construct/reinforce the connecting roads from villages to roads, canals and bunds and raise their level so that people can access the high ground. • Install adequate road signs to guide and assist the drivers.
DTO-Telecom	• Assessment of damage and restoration of communication network. • Ensure all communication equipment installed at DEOC.

CDVO	• Popularization of the livestock farming as one of the viable alternative livelihood option in the normal year in particular and in drought year in general through awareness generation, attractive schemes etc. • Improvement of the quality and productivity of local livestock through Artificial Insemination and other breeding process. • Strengthening of the dispensaries/Livestock Aid centers with staffs, medicines, and equipment to proper health care of the animal. • Introduction of Pisciculture in all the Dams,
RTO/MVI	• Emergency repairs of roads if affected must be carried out. • A system for priority transport of relief goods and personnel must be developed. • Relief goods may be considered for exemption from freight charges, if any. • All bus depots should be equipped with emergency communication equipments. • Raincoats, caps and gumboots should be made available to work gangs in an emergency
DFO	• Improvement of the Vegetation coverage and Biomass production to meet the multiple community need like food, fuel wood, fodder etc. through three-tier plantation. • Regeneration of degraded village Common Property Resources like village forest, waste land through the gap filling and block plantation of multipurpose tree species. • Prevention of indiscriminate forest felling through strict introduction of rules and regulation and massive awareness generation
Railway	• Rapid access to the site of the accident. ϖ

	• Effective site management by making best use of on-board and locally available resources. • Quick extrication of victims. ϖ Speedy transportation of victims to hospital. • Proper communication system both for assisting the stranded passengers as well as giving out timely information to the media.
EE- Electricity	• Disconnect electricity after receipt of warning. • Attend sites of electrical accidents and assist in undertaking damage assessment. • Stand-by arrangements to ensure temporary electricity supply.
EE – PHED	• Provision of tube wells at the squares, market places, bus stops, public buildings like schools, hospitals etc. • Alternate drinking water sources to affected area • Construction of drains for easy discharge of the flood water, wastewater and sewage • IEC campaign for safe drinking water and sanitation to prevent any health hazard in normal time in general and during disaster in particular.
DPC, SSA- School & Mass Education/ DEO - Higher Secondary Education	• Department and the field level institution will prepare a contingent Action Plan for their reconstruction. • Damaged buildings (including classroom building, department building, and breaking of window) should be assessed and the report is to be sent to SRC for adequate funding needed for repair and constructions of building, boundary wall, Hostels etc. for quick recovery and restoration of Education.

15.2 Damage Loss Assessment

Sector	Damage in Physical terms	Requirement of funds for repair of immediate nature	Out of (3) amount available from annual budget	Out of (3) amount available from related schemes/ programmes / other sources	Out of (3) amount proposed* to be met from SDRF/NDRF as per the list of works indicated in the revised items & norms
1	2	3	4	5	6
Roads & Bridges					
Drinking water Supply works (Rural)					
Drinking water Supply works (Urban)					
Irrigation					
**Power					
Primary Health Centres					
Community assets in social sectors covered by Panchayats					

15.3 Calculation of assistance for agricultural input subsidy-SMF

(Rs. In lakh)

Sl.	Name of the Block	Area held by SMF (in Hectares)	Total Agricultural area Affected [in Hect.]	Total agricultural area where croploss is > 50%	Crop loss 33% & above			Expenditure incurred			Total
					Irrigated [in hect.]	Rainfed [in hect.]	Perennial	Irrigated @Rs.13,500/- per hectare	Rainfed @Rs.6800/- per hectare	Perennial @ Rs.18000/ per Hect.	
1											
Total											

Agricultural input subsidy- Farmers other than SMF

Sl.	Name of the Block	Area held by farmers other than SMF (in hectares	Crop loss > 33%							
			No of Farmers	Irrigated area in hect	Amount spent @ Rs.13,500/- per hect.	Rainfed Area in hect.	Amount spent @ Rs.6800/- per hect.	Perennial Area in hect	Amount Spent @ Rs.18000/ per Hect.	Total Amount Spent
1										
Total										

Farmers affected by successive calamities

Sl.	Name of the Block	Area held by farmers other than SMF (in hectares	Crop loss > 33%							
			No of Farmers	Irrigated area in hect	Amount spent @ Rs.13,500/- per hect.	Rainfed Area in hect.	Amount spent @ Rs.6800/- per hect.	Perennial Area in hect	Amount Spent @ Rs.18000/ per Hect.	Total Amount Spent
1										
Total										

Animal Husbandry (Replacement of Animals)

Name of the Block	No of Livestock / Birds lost			No of animals qualifying for relief grant (i.e., subject to ceiling of 3 large milch animal or 30 small milch animals or 3 large draught animal or 6 small draught animal per household		Expenditure incurred (Milch animals @ Rs.30,000 for large animal , Rs.3000 for small animals & Draught animals @ Rs 25000 for large animal, Rs. 16,000 for small animals)		Poultry @ 50/- per bird subject to a ceiling of assistance of Rs.5000/- per beneficiary household.	Total expenditure (11+12+13+14 +15)
	Milch Animal	Draught Animal		Milch Animal	Draught Animal	Milch Animal	Draught Animal		

	Buffalo/ Cow	Sheep / Goat	Camel/ Horse/ Bullock	Calf/ Donkey / Pony	Poultry Birds	Buffalo/ Cow	Sheep/ Goat	Camel / Horse/ Bullock	Calf/ Donkey/ Pony	Buffalo/ Cow	Sheep/ Goat	Camel / Horse / Bullock	Calf/ Donkey/ Pony		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)

Assistance sought for repair /restoration of damaged houses

(Rs. In Lakh)

Sl	District	Fully Damaged/ Severely Damaged								Partially (15% & More)				Huts		Cattle shed attached with house		TOTAL
		Plain Areas				Hilly Areas												
		Pucca	Amount @ Rs.- 95100/-	kutcha	Amount @ Rs.- 95100/-	pucca	Amount Rs.- 101900/-	Kutcha	Amount @ Rs.- 101900/-	pucca	Amount @ Rs.- 5200/-	Kutcha	Amount @ Rs.-3200/-	Nos.	Amount @ Rs.- 4100/-	Nos.	Amount @ Rs.-4100/-	
1																		
TOTAL																		

Assistance for provision for temporary accommodation, food, clothing and medical care

Sl. No.	Name of the district	Average No. (in a day) of relief camps	Average duration of oper-ation of relief camps	Average No. of people accommodated per day in the relief camps	Expenditure incurred on (Rs. in lakh)				
					Tempo-rary accomm-odation	Food	clothing	Medical care	Total expen-diture
1									
Total									

Extent of damage due to natural calamities

Dist : Sambalpur Nature and period of natural calamity :

Sl.	Item	Details
1.	Total number of Blocks in the district	
2.	Number and names of Blocks affected	
3.	Number of villages affected	
4.	Population affected (in lakh)	
5.	Total land area affected (in lakh ha.)	
6.	Cropped area affected (in lakh ha)	
	i) Total cropped area affected	
	ii) Estimated loss to crops (Rs. in lakh)	
	iii) Area where cropped damage was more than 33%	
7.	Percentage of area held by SMF	
	i) In the State as a whole	

	ii) In the affected districts	
8.	House damaged	
	a) No. of houses damaged	
	i) Fully damaged pucca houses	
	ii) Fully damaged kutch houses	
	iii) Severely damaged pucca houses	
	iv) Severely damaged kutcha houses	
	v) Partly damaged houses (pucca + kutcha)	
	vi) No. of huts damaged	
	b) Estimated value of damage to houses (Rs. in lakh)	
9.	No. of human lives lost	
	No. of persons with grievous injuries	
	No. of persons with minor injuries	
10.	Animal lost	
	a) No. of big animals lost	
	b) No. of small animals lost	
	c) No. of poultry (birds) lost	
11.	Damage to public properties	
	a) In physical terms (sector wise details should be given – e.g. length of State roads damaged, length of districts roads damaged, length of village roads damaged, No. of bridges damaged, No. of culverts damaged, No. of school buildings damaged etc.)	
	b) Estimated value of the damage to public properties	
	Estimated total damage to houses, crops and public properties	

Chapter- 16 -Recovery

An insight

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

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

The DM & Collector will be the co-ordinator of all Recovery activities in the District. The role of the DM & Collector will be to:

- Generally monitor the management of the recovery process;

Ensure implementation of the recovery plan by line departments, blocks Effective service delivery minimizing overlap and duplication;

16.1 PART-I: DROUGHT RECOVERY PLAN

The following are the key interventions pertaining to Agriculture Sector, being implemented by the Department:

• To encourage the farmers to adopt progressive farming practices, high-value in-puts and higher technology in agriculture & horticulture.
• Promote crop Insurance in the agriculture sector.
• Crop Insurance is provided to farmers under the PMFBY scheme in order to recover the loss that occurred during the Kharif-Rabi season, where 17 crops are covered under crop insurance.
• Financial support to the farmers in the event of crop failure as a result of drought, cyclone incidence of pest -diseases etc
• Adoption of inter cultivation
• Stocking of quality certified seeds well in advance for immediate distribution for re-sowing in the areas affected by drought and floods.
• Prepositioning fertilizers well in advance
• Provision of Agricultural implements to farmers at a subsidized rate
• Monitoring the crop situation through CWWG
• Promoting use of Stress Tolerant varieties

The key aspects for mainstreaming DRR)Disaster Risk Reduction for Drought (specifically by Agriculture department**are as follow:**

Sl. No	Scheme	Key components	Key aspects for mainstreaming DRR & CCA
1.	Rashtriya Krishi Vikas Yojana)RKVY(	Comprehensively, taking agro-climatic conditions, natural resource issues and technology into account, and integrating livestock, poultry and fisheries more fully.	Agro-climatic zone wise adaptive measures should be taken into consideration
2	National Food Security Mission)NFSM(	Increasing production of rice, s and coarse cereals through area expansion and productivity enhancement in a sustainable manner in the identified districts Restoring soil fertility and productivity at the individual farm level	Development of sustainable crop varieties can be taken as DRR and CCA adaptation
3	National Mission on Agricultural Extension & Technology)NMAET(	Restructure & strengthen ltural extension to enable the delivery of appropriate technology and improved agronomic practices to the farmers; Also capacity building and institution strengthening to promote mechanization, availability of quality seeds, plant protection etc. Encourage **the aggregation** of Farmers into Interest Groups)FIGs (to form **Farmer** Producer Organizations)FP	Promotion of agriculture sustainable to disaster risk and climatechange through the promotion of appropriate technologies and appropriate measures of risk transfer
6	Pradhan Mantri Fasal Bima Yojana (PMFBY)	Providing financial support to farmers suffering crop loss/damage arising out of unforeseen events Stabilizing the income of farmers to ensure their continuance in farming Encouraging farmers to adopt innovative and modern agricultural Practices	Promotion of appropriate measures for risk transfer and micro insurance

		Ensuring the flow of credit to the agriculture sector; which will contribute to food security, crop diversification and enhancing growth and competitiveness of the agriculture sector besides protecting farmers from production risks.	
7.	Farm Mechanisation' [0]	Farm equipment like Land Preparatory, Sowing equipment, Plant protection equipment, Self-propelled machinery, Power tillers, tractors, Inter cultivation equipment and Diesel Engines are supplied to farmers including immediate post-harvest equipment under s u b s i d y	Improving agriculture efficiency through to minimize underlying risks of farming
8	Extension Programmes	Strengthening ıltural extension and transfer of technology to farmers, forming farmers' organization	Promoting community-based agriculture practices and strengthening knowledge for farmers in DRR and CCA
9	Need- Based Plant trotection	The farmers can avail need- based plant protection on 50% subsidy through DBT for pest control Advisory on crop and pest management are being issued by OUAT for dissemination	Enhancing agriculture productivity and *m*inimizing farmers' risk
10	Supply of Seeds on Subsidy	Supply of quality seed to the farmers on subsidy	ng and cost agriculture risk of farming.
11	Creation of Viable Farm Livelihoods by Promotion of Organic Farming & Natural Farming	reate viable and sustainable farm livelihoods by *promoiing* organic farming and natural farming through community-managed clusters for sustainable agriculture.	Promoting viable and sustainable farms for sustainable agriculture.

16.3 PART-II: LIVELIHOOD RECOVERY PLAN

Considering the poverty profile of Odisha, convergence of different flagship schemes holds great significance in addressing poverty and unemployment. All the major anti-poverty Schemes envisage convergence of some kind. But two of them, critical in the context of poverty reduction, are NRLM and MGNREGS..

Agri based Livelihood

Sl	Scheme	Department	Activities	Cost Norms
1	MGNREGS	PRD	1. Construction of dry fish yard 2. Provision for wage labour for construction of *Matsyajibi Basagruha Yojana*	1. Rs. 35,000 (Unskilled labour: material cost ratio of 25:75) 2. 90/95 person days per beneficiary
2	Matsyajibi Basagruha Yojana	PRD	Construction of Pucca House	• Pucca house of Rs 70,000/ Rs 75000
3	Infrastructure Support and Marketing Schemes	F & ARD	Godown, ice plant, cold storage, processing centre, water and electricity facilities etc.	• As per norms of the scheme
4	Medhabruti Scheme	F & ARD	Scholarship to the children of Matsyajibi who have passed Matriculation	• As per provisions of the schemes
5	OLM	PRD	Promotion of Producers Groups, Forward and Backward Linkages, bank linkage	As per the approved proposal of OLM

16.3 SKILL DEVELOPMENT PROGRAMME

Training provides increased employment opportunities. Today, even entry level roles in many industries require base level skill. By completing a training course, employment opportunities become wider. In view of this, DDMP, 2025-26 identified the following Skill Development Programme which will increase the employability of the district to sustain the livelihood of the rural population.

Chapter 17 - Financial Arrangement

17.1 National Disaster Response Fund (NDRF)

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

17.2 State Disaster Response Fund (SDRF)

As per the provisions of Disaster Management Act, 2005 sub-section (1)(a) of Section (48) and based on the recommendation of the 13th Finance Commission, the Government of Odisha has constituted the State Disaster Response Fund (SDRF) replacing the Calamity Relief Fund (CRF).

17.3 Chief Minister Relief Fund (CMRF)

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

Table__: Different State and Central Government Schemes and Programms

Sl No.	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
1	National Agriculture Insurance Scheme (NAIS)/ Rastriya Krishi Bima Yojna (RKBY)	Crop Insurance	Agriculture Insurance Company of India (AICI)	To protect the farmers against the losses suffered by them due to crop failures on account of natural calamities, such as droughts, floods, hailstorm, storms, animal depredation, etc.
2	Janashree Vima Yojna	Life Insurance	Life Insurance Corporation Of India	The objective of the scheme is to provide life insurance protection to the rural and urban poor persons below poverty line and marginally above the poverty line.

3	Pradhan Mantri Jeevan Jyoti Bima Yojna	Life Insurance		life insurance cover for death due to any reason
4	Pradhan Mantri Surkhya Bima Yojna	Life Insurance		Accidental insurance for death/full disability or partial disability
5	Postal Life Insurance (PLI) and Rural Postal Life Insurance (RPLI)	Life Insurance	Postal	life insurance under a number of schemes for employees in government, public sector banks and government-aided education institutions
6	Pradhan Mantri Fasal Bima Yojana (PMFBY)	Crop Insurance	Agriculture	Insurance coverage and financial support to the farmers in the event of failure of any of the notified crop as a result of natural calamities, pests and diseases.
7	Rashtriya Krishi Bima Yojana	Health Insurance	Agriculture	Crop insurance
8	Biju Krushaka Kalyan Yojana (BKKY)	Health Insurance	Health	financial support through health and accident insurance
9	Mahatma Gandhi Bunakar Bima Yojana	Accidental Insurance	Handloom and Textile	Insurance for accidental death and disabilities
10	Accident Insurance Scheme	Accident Insurance	Fishery	Assistant to fishermen towards hospitalization expenses during serious disease
11	Disease Control Programmes		H& FW	Protective vaccination for various diseases to livestock and treatment of animals
12	Mahatma Gandhi National Employment Guarantee scheme	Mitigtion measures	PR Dept., Govt. of India	Utilisation of MGNREGS funds to reduce the vulnerability of Panchayat vis a vis natural hazards such as drought, forest fire, cloud floods, etc

13	Pradhan Mantri Gram Sadak Yojana	Roads	Rural Works	To ensure that in case of disasters these roads get provision for restoration to ensure all weather connectivity
14	Indira Awas Yojana	Housing	Rural Development/ Panchayati Raj	To promote measures like application of Hazard resistant design in construction of IAY houses, appropriate sitting of IAY housing. Besides, fire proof houses to fire victim for special allocation quota.
15	SSA/RMSA/ RUSA	Education	Human Resource Development	To induce institutional safety plan and development of Policy paper of institutional safety at various level of education.
16	National Rural Health Mission	Health	Health and Family Welfare	To ensure that the village Health Plan and the District health plan explicitly address the disaster risk reduction concerns in the vulnerable habitations and the vulnerable districts and the disaster management plan as per DM Act 2005 takes links itself to the District and village Health plans.
17	Finance Commission Grant	Infrastructure Development	PR Dept.	10% of the fund will be dedicated to disaster related projects

17.4 Roles of District Planning committee on financial outlay on mainstreaming Disaster Risk Reduction (DRR) in development programms.

The 73rd and 74th amendments of the Constitution provided an impetus to the process of decentralized planning having mandated devolution of powers to Panchayati Raj Institutions (PRIs) at village, block and district levels..

Chapter 18 - Preparation and Implementation of DDMP

18.1 Methodology

Sambalpur district followed the following process in preparation of DDMP, 2025-26.

Steps	What has done	Who were involved	Methodology
I	Review of DDMP and District Gazetteer	• Collector, ADM, Emergency Officer • DPO • Selected district level official	• Past history of disasters to be discussed and documented • Extent of severity and damage to be recorded • The nature of the Warning issued to be analyzed • The nature and extent of the rescue and restoration done, to be revisited
II	Situation Analysis	District and Block level officials	• Mapping the geography and topography of the risk prone areas, block-wise, GP-wise and village-wise • Demographic details to be recorded • Mapping of the habitation in the concerned areas • The natural resources to be marked on the maps • Listing all the livelihoods and properties • The existing risk prone/ safe infrastructure to be marked on the map
III	Hazard Analysis	District and Block level officials	• Identification of all possible hazards in the area based on past experience and available records • Identification of the most vulnerable areas with relation to threat to life, livelihoods and property
IV	Vulnerability Assessment	District and Block level officials	• Locations of the vulnerable areas are to be mapped separately • Identification of the vulnerable people such as, the elderly, the disabled, children and pregnant women, families living in thatched houses, fishermen at sea (if any), ailing people, etc. • Identification of property or assets which are likely to be affected, such as, cattle and other livestock, kachcha houses, weak structures, pump sets, tube wells

			and other installations, crops, horticulture and plantations, boats, nets, etc. • Identification of weak points on embankments (if any) • Marking the drainage system in the concerned area
V	Opportunity Analysis	District and Block level officials	• Identification of the existing resources which may help to reduce risks to life and property • Identification of the safe houses and buildings for shelter and storage • Listing the existing flood/cyclone shelters, if any • Identification of the elevated and up-lands which can act as natural barriers to protect livestock • Listing of the existing health and sanitation facilities • Identification of safe routes for evacuation • Identification of the sources of funds to carry out the preparedness activities

18.2 Roles of ADM, DEO and Nodal Officers support from other line Departments

1	Collector/ADM	Issue of necessary directives to the line department. Provided critical inputs to the DDMP compilation team
2	DEO/DPO	Desk Review of DDMPs, decisions of DDMA, DLNCC of previous years, District gazetteer, Contingency Plan of the departments Coordinated line department officials to provide information in time Consulted head of the departments for improvisation of DDMP, 2017.
3	Heads of Line Departments	Hazard, Vulnerability and capacity analysis of the district Provided necessary information and data. Review the proposed DDMP, 2017 Extended necessary supports and feedback for improvisation of DDMP, 2017.

18.3 Time lines for updating DDMP

Sl No.	Activities to be done	Timeline
1	Consultation with line department officials and important stakeholders at district level	1st week of January
2	Submission of base line data by all line departments	3rd week of January
3	Compilation of information's and preparation DDMP. Sharing of draft with Chairperson, members of DDMA and other stakeholders	1st week of February
4	Necessary modification and finalization	2nd week of February
5	Placing the final copy before DDMA, finalization and submission of a copy to SDMA	Last week of February
6	Approval by SDMA	By March

18.4 Details of number of consultation and meetings, discussion with stakeholders

Rounds of discussion were held with the heads of the departments to prepare the DDMP for 2019-20. Inputs received from all quarters were taken care and a draft plan was prepared. The drafted plan was shared with the departments for review and provides their critical input for improvisation of the DDMP, 2023-24.

18. 5 Implementation of DDMP, 2023-24

Efforts have been made to make the DDMP, 2023-24 useful and practicable which can be used by various departments to tackle the various types of disasters effectively to minimise the potential loss. Implementation of the DDMP, 2023-24 will govern by the SoP of the concerned departments and instructions issued by the Government from time to time.

Chapter – 19 Lessons learnt and Documentation

- Natural disasters not only cause a large-scale displacement of population and loss of life, but also result in loss of property and agricultural crops leading to severe economic burden) In various studies. several shortcomings have been observed in disaster response, such as, delayed response, absence of early warning systems, lack of resources for mass evacuation, inadequate coordination among government departments, lack of standard operating procedures for rescue and relief, and lack of storage of essential medicines and supplies.
- There is an important lesson to be learned by the civil administration and the public health system to have disaster preparedness plans in readiness with material and designated rescue officers and workers.
- Standard protocols and disaster preparedness plans need to be prepared for the civil administration and the health systems with focus on Quick Response Teams inclusive of healthcare professionals, rescue personnel, fire-fighting squads, police detachments, ambulances, emergency care drugs, and equipments. These teams should be trained in a manner so that they can be activated and deployed within an hour following the disaster. "TRIAGE" has to be the basic working principle for such teams.
- Disaster management is a multidisciplinary activity involving a number of departments/agencies spanning across all sectors of development. The National Disaster Management Authority of India, set up under National Disaster Management Act 2005,has developed disaster preparedness and emergency protocols. Thus Inter departmental coordination should be prioritized and enhanced in this respect.
- Training is an integral part of capacity building, as trained personnel respond much better to different disasters and appreciate the need for preventive measures. Training of healthcare professionals in disaster management holds the key in successful activation and implementation of any disaster management plan.
- Building confidence of the public to avoid panic situation is critical. Community involvement and awareness generation, particularly that of the vulnerable segments of population and women, needs to be emphasized as necessary for sustainable disaster risk reduction. Increased public awareness is necessary to ensure an organized and calm approach to disaster management. Periodic mock drills and exercise in disaster management protocols in the general population can be very useful.

"We cannot stop natural disasters but we can arm ourselves with knowledge: so many lives wouldn't have to be lost if there was enough disaster preparedness."

TELEPHONE DIRECTORY

TELEPHONE DIRECTORY

E-mail – dm-sambalpur@nic.in

DESIGNATION	NAME	OFFICE	RES.	FAX	MOBILE No.
Collector & D.M.	Siddheshwar Baliram Bondar, IAS	2411022 2410701	2411001 2411410	2412116	**63717-52445** **82801-33211**
IAS (P)	Shubhra Panda				**88002-69297**
ADM (Revenue)	Sudhansu Kumar Bhoi, OAS(S)	2410386	2411860		**94380-67801**
ADM (General)	Ashok Kumar Bhoi, OAS(S)				**93483-65801**
Election / LAO / Spl. LAO	Sanjib Ku. Meher, OAS (SB)				**97772-95625**
Judicial	Niranjan Sahoo, OAS(JB)				**94380-86300** **70082-73700**
Revenue / Emergency	Smt. Nutan Seth, OAS(JB)				**77508-03488**
Sports	Satyanarayan Tandi, OAS				**90900-49793**
Protocol Officer / Nizarat / Audit	Bikash Ranjan Sabar, OAS(JB)				**70080-51361**
Establishment / Culture/ HRMS	Amrut Lal Behera, OAS(JB)				**99998-76335**
On leave	Aishwarya Pruseth, OAS(JB)				**82607-74957**
RTI /e-Governance / Asst. Culture/Gen & Misc	Mamuni Acharya, ORS				**94374-29897**

Examination / Asst. Judicial/ Development	Sujit Kumar Satpathy, ORS				**87631-03451**
Record Room / Zilla Sainik Board	Smruti Ranjan Rout, ORS				**97788-95474**
Secretary, Red Cross / PG Cell	Roselina Tirkey, ORS				**95839-32733**
Dist. Panchayat Officer	Ananga Bhanjan Sagar				**94381-60825**
DSWO					
DPC, Mission Shakti	Bharati Besra				**94380-84670**
DSSO	Chetawani Budaik				**94390-81301**
Programmer, DDRO	Rabindra Satpathy				**99374-78144** **70083-82517**
PE, OWSSB	Rajesh Kumar Nayak				**79786-53689** **98532-58015**
DI & PRO	Sanjukta Kullu				**70646-80211**
DIO, NIC	Raja Ram Mohan Majhi	2410963	2410121		**94396-43312**
DeGM	Neetesh Khatry				**94374-01915**
DWO	Mrutyunjaya Badpanda	2410343			**94374-01709**
BM, TDCC	R.K. Jena				**94383-93156** **90788-97363**
Dist. Education Officer	Laxman Bhoi				**94393-94820**
ADEO	Ujagar Pradhan				**86581-33647**
ADEO	Satya Sahu				**94381-85368**
C.I. of Schools, SSD	Gourirani Dei				**86587-98624**
DSS & FIO	Nilanchal Sethi	2410971			**94381-22414**

					94396-80699
Dist. Sub-Registrar	Smruti Ranjan Rout, ORS I/c	2410277			**97788-95474**
Dy. Director, Mines	Ajay Pradhan, I/c	2410470			**96924-09043**
DPC, SS	Laxman Bhoi	2410834			**94393-94820**
DCPO	Suchismita Pattnaik				**94384-44544**
Secretary, Dist. Athletic Association	Sunil Kumar Sahu				**94371-58740** **63717-44529**
Jt. Director, Geology	Nabakrushna Mishra	2410906	2521045		**82497-42817** **87636-56221**
Dy. Director, Geology	P.K. Panigrahi				**94373-84417**
Jt. Commissioner, (Consolidation)	Rabindra Mishra				**94391-57644**
Dy. Director Consolidation		2410273	2521689		
Settlement Officer	Samikhya Nayak, OAS(SB)	2410313			**94373-49168**
ACO, DCCH	Susanta Naik, ORS				**98530-46221**
Audit Officer	Sabita Pradhan	2520468	2412999		**94372-57861**
PD, NHAI	Prem Sahu	2546066			**81300-06083**
Manager Tech	Nitin Ku. Gupta				**62648-82598**
Accountant, NHAI	Manorajan Bai	2546066			**94381-89966** **77518-59555**
Addl. Asst. Comm Endowment	Rajesh Roshan Nanda	2411946			**94383-33739**
Inspector, Endowment	Pradip Ku. Guru				**99371-18009**
President, Kalaparishad	Prafulla Ku. Hota				**94370-55887**

Asst Director, RITI	Niranjan Sahoo, OAS(JB)				**94380-86300** **70082-73700**
R.O. Pollution Control Board	Dr. Satyanarayan Nanda				**94371-58608**
OWSEL	S.Pattnaik				**97780-88363** **70087-74653**
IPE, DIPA	Nayan Kumar Joshi				**94884-60906**
AC&R Expert, DIPA	Sourav Kumar Mishra				**99372-44280**
President Samlei Temple	Sanjay Babu				**94371-92927**

COLLECTORATE STAFF

ADM	Jayanta Kumar Roul	SRA	**94372-19891**
Peskar to Collector	Ajit Sahu	SRA	**98616-40501**
Bench Clerk to ADM	Anil Pradhan	SRA	**95834-30525**
Estt Section	Rama Sahu	SO	**91782-04853**
	Premananda Karali	SRA	**77357-58616**
	Sandeep Pradhan	SRA	**90404-52110**
	Bijay Barik	SRA	**79783-86728**
	Ghanendra Barik	JRA	**98615-22803**
Examination	Amit Kumar Ranjit	JRA	**70083-54284**
HRMS Cell	Suprabha Ojha	Co-ordinator	**94394-88590**
	Sanjeeb Sahu	DEO	**94370-27934**
Revenue Section	Chandrabali Mahapatra	SO	**80183-11777**
	Satyajit Pandia	SRA	**73771-95880**

	Laxmikant Pradhan	SRA	**79780-36212**
Judicial Section	Banishree Panda	SRA	**9439212868**
	Sudhanshu Mishra	JRA	**72052-71721**
Gen. & Misc.	Birendra Pradhan	SRA	**94399-45339**
R.T.I.	Pooja Chowahn	SRA	**98614-84544**
Emergency Section	Gitanjali Sa	DPO	**79784-28844**
	Prasanta Nayak	SRA	**73771-30737**
	Dinesh Kumar Padhan	JRA	**96923-23763**
P.G. Cell	Bimal Deep	SRA	**73772-90414**
	Saroj Mirdha	JRA	**86589-07414**
Nizarat Section	Rajesh Kumar Bhoi	Nazir	**99386-44236**
	Sanjeev Seth	SRA	**97788-43604**
Spl. LAO Section	Niranjan Meher	SRA	**75040-05229**
LAO Section	Achuyat Nath	RI	**79789-47482**
	Bimal Deep	SRA	**73772-90414**
	Salegram Sahu	JRA	**90906-05730**
Devlopment Section	Surama Pradhan	SRA	**99385-97086**
Election Section	Gunanidhi Panigrahi	SO	**94392-23920**
	Adarsh Dora	SRA	**94392-23313**
	Thaneswari Nayak	JRA	**63702-53733**
Panchyat Section	Merina Mathew	SO	**79789-54692**
	Jyotshana Patel	SRA	**83277-04658**
	Prasanta Pandey	SRA	**99379-44934**
Red Cross	Mahadeb Behera		**94383-85515**

	Pramila Behera		**94383-34017**
	Amulya Badpanda		**94374-01667**
S.S.A.	S.K.Biswal	Sr. TC	**99371-56682**
	Praharaj		**94371-75642**
	Alok Ku. Jyotishi		**98610-04200**
	Chitta Ranjan Gartia		**98610-14975**
	Rabi Narayan Sahoo	Programmer	**94371-05306**
DSWO & Mission Shakti	Jagyasini Mishra	SO	**82492-84554**
	Bichitranand Acharya	NOAP Const.	**94372-34898**
DSSO Section	Sanjay Behera	Jr. Clerk	**76828-22716**
	Sanjeeb Panda	Jr. Clerk	**94373-62728**
Central Receive Section	Tribikram Bag	JRA	**97766-30315**
	Satyabati Munda	Peon	**73259-09889**
Despatch			
OSWAS	Manas Mukhi		**90405-05915**
OSWAN	Piyush Nanda		**83429-35876**
NIC	Prabhas Pradhan		**89087-49612**
	Ranganath Sahu		**96586-08056**
Small Savings	Ritu Ranjan Besan		**96587-48504**
D.C.P.O.	Babita Kar	ProtectionOfficer	**98533-75454**
	Byomakesh Panigrahi	Law Officer	**94398-08914**
	Rajalaxmi Pandey	Accountant	**97781-90345**

RES. OFFICE STAFF

Steno to Collector	Sushanta Panda		**94386-41034**
SO	Manas Ranjan Mohanty		**94379-61513**
JRA	Riship Pruseth		**81442-21317**
JRA	Kamal Kant Rout		**98532-81065**
IT Assistant	Subodh Karna		**98611-96822**
Peon	Srikant Kar		**63701-11282**
	Sushant Kindo		**82496-18819**
	Anil Oram		**82495-48655**
	Raju Sa		**97774-05028**
Driver	Jitendriya Dagara		**83277-69780**
	Sanjay Mohanty		**97771-13275**
P.S.O.	Babulal Senapati		**94380-64447**
	Keshab Bag		**94373-45941**
Personnel Staff's	Sarat Tarai		**96681-81297**
	Laxmiram Marandi		**86582-71034**
	Nirakar Mirdha		**63701-46570**
Night Watcher	Jhasketan Mahakud		**91780-05096**
Home Guard	Srikant		**99374-19637**
Guard Room			**0663-2410140**

SUB-COLLECTORs					
Sambalpur (0663)	Puspanjali Panda, OAS(SS)	2410387	2411702		**94385-68801**
Dy. Collector	Abhishek Kisan, OAS				**93370-71277**
Asst Collector	Jalirani Pradhan, ORS				**99388-62766**
Asst Collector	Hrudanand Sahu, ORS				**82808-81870**
Kuchinda (06642)	Gourabamaya Pradhan, OAS	220022	220023	220023	**88820-94793**
Dy. Collector	Miss Sarita Oram, OAS				**80185-52251**
Asst Collector	Ramesh Ku. Sahu, ORS				**88959-20229**
Asst Collector	Lochan Sabar, ORS				**99371-30166**
Rairakhol (06644)	Rashmi Ranjan Mahanta, OAS(SS)	253003	253051	253051	**94375-44487** **70081-75232**
Dy. Collector	Subhashree Suchismita, OAS				**93374-12310**
Asst. Collector	Ajit Kumar Dehury, ORS				**94390-22266**
Asst. Collector	Sarada Maharana, ORS				**79780-00621**
Asst. Collector	Truptimayee Sahoo, ORS				**80934-00332**
P.A. ITDA, KUCHINDA					
P.A. ,ITDA (06642)	Hemsagar Bhoi, OAS	220478	220125	220478	**95565-34301**
Spl. Officer	Ajit Kumar Panda				**76838-23107**
A.E.	Banda Ram Hembam				**94372-00229**
J.E.					
ITDA Staff	Sarojine Lugun				**82494-20061**
HDO	Rabindra Das				**82490-58812**
SRA	Sanjeeb Rana				**98534-62677**

C. D. P.Os					
CDPO, Urban	Jyotshna Tripathy	2411907			**88952-88399**
CDPO, Dhankauda	Puspanjali Mishra	2410476			**94373-45886**
CDPO, Rengali	Darsani Ekka	2560259			**94380-75995**
CDPO, Bamra	Minati Mishra	279207			**99375-33797**
CDPO, Kuchinda	Sabitri Kumura	220411			**94372-49860**
CDPO, Jamankira	Jayashree Pattanaik	234201			**88951-14911**
CDPO, Maneswar	Meeta Sharma				**94375-76025**
CDPO, Jujomura	Sabita Nayak	237705			**99374-77547**
CDPO, Rairakhol	Vacant	253327			
CDPO, Naktideul	Kshirabdhi Pandia	246086			**94378-69974**

Zilla Parishad

Email- drdasbp@ori.nic.in

CDO-cum-EO, Zilla Parishad	Prasanna Ku. Patra OAS(S)	2410992 2410988	2412093	2411843	**94396-14769** **98612-34829**
Addl. E.O. (Admn.)		2410721			
Addl. E.O. (Tech.)	Madhusudan Subudhi	2410940			**94372-23016** **70083-16750**
Asst. E.O. (MIS)	Smt. Sushila Toppo				**96686-20545**

Addl. E.O. (Finance)	Ashok Ku. Panda	2410158			**99371-65242**
APD (Rural Housing)	Smt. Ranjita Kumari				**82804-05395** **79789-24755**
APD (Training)	Smt. Priyambada Guru				**99371-04123**
APD (Livelihood)	Bikash Mohanty				**97787-92992**
Joint CEO, ORMAS	Srimanta Hota				**99384-09890**
DPM, OLM	Sanjay Mohapatra				**94379-46569**
DC, SKILL					
MC, MGNREGA	Ranjit Kumar I/c				**82804-05395** **79789-24755**
Programme Officer	Debadatta Mishra				**79787-88166** **94373-45755**
	Kamlesh				**95832-72255**
Jr. Engg. (BRGF)	Sonali				**99384-42483**
Steno to P.D.,DRDA	Miss Sarojini Jena				**88956-71192**
President, Zilla Parishad	Kumudini Nayak	2410979	2400350	2410206 (o)	**95835-47580**
Vice President, Z.P.	Madhaba Mirdha	2410674			**70777-29700**
Steno to Z.P.	Chandrarekha Singh				**83289-62510**
Head Clerk, ZP	Smt. Prabhati Mishra				**93372-87021**
Driver to P.D.	Basanta Ku. Dehury				**96586-56436** **99374-71360**
Head Clerk, DRDA	Shasanka Sekhar Panda				**70082-52360**
SSESS,Kolkata (MGNREGS Work)	Dharanidhar Parida				**85948-07706**
PD, Watershed	Rabindra Kumar Panda	2430789		2430789	**94373-90946**

P.D., CADA					
A.D., OREDA	Sudam Sethi				**94380-86606**
PD, DUDA	Dilip Kumar Bal OAS(S)				**94381-71406**
DUDA, Staff	Santa Rout				**94380-10921**

BLOCK DEVELOPMENT OFFICERs

Dhankauda (0663)	Anil Kumar Kullu	2411721			**88957-51798** **84568-78263**
Rengali (0663)	Pritam Kumar Tanty	2560543			**96506-54820**
Maneswar (06681)	Chittaranjan Mallik	235777			**95564-66525**
Jujumura (06681)	Rajesh Kumar Ekka	257609	257680		**77508-97670**
Bamra (06642)	Puspak Pradhan	229207			**82600-68663**
Kuchinda (06642)	Jayant Sahu	220262	220262	220162	**93371-19827** **96853-54536**
Jamankira (06649)	Rabindra Kumar Sethy	234201	234014		**94398-55675**
Rairakhol (06644)	Rajendra Senapati	253015	253191	253015	**98271-72380**
Naktideul (06747)	Khyamanidhi Bhoi	246002	246002		**94382-92933** **80188-49843**
A.B.D.O, Kuchinda	Sahadev Nanda				**94377-39598**
A.B.D.O., Maneswar	Mr. Jayaram Panda				**88954-14414**
A.B.D.O., Jujumura					
A.B.D.O., Naktideul	Bidyadhar Routray				**76848-14519**
A.B.D.O., Dhankauda	Rabindra Rana				**94377-57882**
A.B.D.O., Rengali	Pragnya Panigrahi				**76848-14519**
A.B.D.O., Bamra	Susanta Panda				**94371-48865**

A.B.D.O., Jamankira	Pradeep Ku. Chhur				**70081-54803** **94373-53787**	
A.B.D.O., Rairakhol	Bijay Kumar Meher				**78942-90338**	
Chairman, Rairakhol	Pradeep Pradhan				**94396-33373**	
Chairman, Jujumura	Mamata Naik				**97772-39463**	
Chairman, Naktideul	Swarupa Rani Sahu				**99387-42529**	
Chairman, Bamra	Pinki Dhurua				**98538-57265**	
Chairman, Rengali	Satya Narayan Agrawal				**99376-36968**	
Chairman, Jamankira	Asrita Bhoi				**80181-28185**	
Chairman, Kuchinda	Bhubaneswar Kisan				**99386-52188**	
Chairman, Dhankauda	Puspanjali Behera				**82602-51501**	
Chairman, Maneswar	Rukmani Mahananda				**95566-16594**	

TAHASILDARs

Sambalpur(0663)	**Adhijit Mohanta**	**2410818**			**87633-43484**
Addl Tahasildar	Rafique Ahmed, ORS				**98611-30909**
Addl Tahasildar	Pratap Dash				**99375-62691**
Addl Tahasildar	Sanjay Ku. Sahoo, ORS				**98615-33253**
Rengali(0663)	Takshak Raj Bhitria	2560542			**70776-50788**
Addl Tahasildar	Kishore Kumar Sahoo				**98610-17399**
Maneswar (06681)	Braja Kishor Sahoo	235775			**89449-88130** **70081-89620**
Addl.Tahasildar					
Jujumura (06681)	Pravash Ku Budayk	257800			**94393-09925**
Addl.Tahasildar	Mamta Nanda				**94378-32990**

					96685-82505
Kuchinda (06642)	Mitali Madhusmita Dalei	220249			**94379-81387** **93482-39500**
Addl Tahasildar	Anima Soren				**77518-86101**
Jamankira (06649)	Miss Pravina Bilung	234124		234014	**88956-36003**
Addl Tahasildar	Sourav Kumar Sahoo				**83289-12380**
Bamra (06642)	Dillip Ku Pradhan	229100			**83420-10707**
Addl.Tahasildar	Sujaya Panda				**76839-92601** **94374-16597**
Rairakhol (06644)		253035			
Addl.Tahasildar	Prabhat Ranjan Biswal				**70080-74123**
Addl.Tahasildar					
Naktideul (06747)	Amar Dungdung	246246			**96681-06569** **87639-37270**
Addl.Tahasildar	Subash Chandra Mohanty				**93483-15441**

REGIONAL TRANSPORT OFFICE

RTO, Sambalpur	Ramdas Tudu				**94382-32828** **70083-36479**
M.V.I.	Shymalendu Raut				**82496-27630**
A.R.T.O.	Tipu Singh				**99370-07892**
S.O.					

SRA	Kambupani Seth				**97773-08365**
EXCISE OFFICE					
Excise Supdt.	Ashok Kumar Seth	2410534		2410534	**94381-02800**
Dy. Excise Supdt.	Asit Kumar Mallik				**97635-50770**
Excise Inspector	Arnapurna ratha				**63700-58433**
OIC, Sadar, SBP	Dillip Kumar Satpathi				**97772-70653**
CIVIL SUPPLY					
CSO	Subodh Hota	2410845			**94371-12191**
A.C.S.O. (Hdqr.)	Birendra Soren				**95564-30216**
ACSO (Sadar)	Soubhagya Ranjan Nayak				**83420-24000**
A.C.S.O. (SMC)	Dillip Kumar Nayak				**94371-70717** **94388-78721**
Market. Intg. Officer	Surendranath Hansda	2410216			**94373-27224**
Asst Controller, W& M	Basanti Nayak	2410996			**94396-47475**
Legal Marketing	B.B Panighri				**94397-22322**
Area Manager F.C.I.	Arabinda Sethy	2402529		2400389	**94375-13677**
NAFED Head	Bastia Babu				**94372-00989**
DIST. PLANNING AND STATISTICS					
JD, DPMU	Sanjay Nanda	2410460			**94370-92721**
DD, DPMU	Prakash Kumar Deo				**94381-28848**
Planning	R K Behera				**63718-24942**
Asst. Dir., Statistics	Etishree Priyadarshini	2410911			**63710-07371**

TOURISM OFFICE					
Assi. Director Tourism	Rabindra Kumar Dalei	2411118			**94386-49129** **70080-47212**
Managar, Panthanivas	Debasis Sahu	2411296			**94385-76069**
Junior Assistant	Lutan Kisan				**86586-47747**
E.E, OTDC	A.K. Jena				**94373-12145**
JE, INTACH	Anil Tarai				**88478-69374** **70641-10211**
TREASURY OFFICE					
Dist. Treasury Officer	Urmila Baa	2410389			**99384-34275**
Asst Treasury Officer	Sujata Sahu				**91784-92093**
Asst Treasury Officer	Premchand Kullu				**76538-49140**
LABOUR DEPARTMENT					
Joint Labour Commissioner	Ghasiram Tudu				**72056-98603**
Asst. Labour Commissioner		2411078	2520528		
Dist. Labour Officer (Welfare)	Dibya Shankar Dhurua	2411078			**88951-57068**
Dist. Labour Officer (Enforcement)	Satrujit Sahu				**94371-71948**
PD, NCLP	Hemant Ku. Pradhan	2410693	2411593		**98611-41930**
Field Officer,NCLP	Besan Babu				**99377-46205**
Field Officer,NCLP	Gargie Madam				**94387-71086**

FACTORY AND BOILERS					
Assistant Director	Umakanta Samantray	2411305	241226		**94376-86256**
EMPLOYMENT OFFICE					
Dy. Director Skill-cum-Employment	Sankar Chandra Murmu				**99373-53748**
Employment Officer	Sangita Meher	2411086			**96584-79833**
Asst. Empl. Officer	Bidyut Prava Sahu				**70084-62410**
District Industries Centre					
G.M., D.I.C.	Miss Sushama Karali	2411487	2412767		**79784-97484**
Asst. Manager, D.I.C.					
Asst. Dir Handicraft	Krushna Chandra Samal				**99372-52819**
Dy. Dir Textile, Bargarh	Sisir Kumar Nag	06646-233161		230472	**73813-66044** **77518-30846**
Boyanika Sambalpur	Srikanta				**94381-66578**

JAIL CIRCLE					
Senior Supdt. of Circle Jail, SBP	Anil Kumar Sahoo	2411072 2411968	2520968	2411072	**95833-20168**
Jailor, Circle Jail	Alok Kar				**88952-53399**
Supdt., Nari Bandi Niketan	Runibala Dei	2548179			**93488-50128**

Nari Bandi Niketan, Jailor	Asima Mishra				**94380-01421**
Astt. Jailer,	Soubhagini Sing				**94374-23425**
Supdt. of Circle Jail, Kuchinda	Radhakanta Naik				**94393-88912** **93376-19370**
Supdt. of Circle Jail, Rairakhol	Santosh Ku Durga				**98614-15589**
FIRE SERVICE					
Asst. Fire Officer,SBP	Sudam Kumar Kisko	2521626	2405477		**86587-43342**
Regional Fire Officer	Md. Ishaq				**99374-19961**
Asst. Fire Officer	Sudam Chandra Kisku	2520101			**86581-43342**
Range Fire Officer	Rangadhar Acharya				**89172-38704**
C. D. P.Os					
CDPO, Urban	Jyotshna Tripathy	2411907			**88952-88399**
CDPO, Dhankauda	Puspanjali Mishra	2410476			**94373-45886**
CDPO, Rengali	Darsani Ekka	2560259			**94380-75995**
CDPO, Bamra	Minati Mishra	279207			**99375-33797**
CDPO, Kuchinda	Sabitri Kumura	220411			**94372-49860**
CDPO, Jamankira	Jayashree Pattanaik	234201			**88951-14911**
CDPO, Maneswar	Meeta Sharma				**94375-76025**
CDPO, Jujomura	Sabita Nayak	237705			**99374-77547**
CDPO, Rairakhol	Vacant	253327			
CDPO, Naktideul	Kshirabdhi Pandia	246086			**94378-69974**
R.D.C. (N.D.), SAMBALPUR					

Email- rdcsbp@nic.in					
R.D.C., N.D.	Sachin Ramchandra Jadhav, IAS	2411646	2410975	2411537(R) 2411645(O)	**94386-76611**
Secretary to R.D.C.	Sukanta Tripathy, OAS(SS)	2410457	2410258		**70085-60007**
Addl. Secretary		2410279			
Under Secretary	Soumyroopa Rath	2411490			**87639-68082**
O.S.D.					
Steno to RDC	Gati Nanda				**98611-26665**
Steno to Secretary	Jaga Panigrahi				**99375-47499**
CIVIL COURT					
Dist. Session Judge	Pragnya Panigrahi	2410369	2548540	2410882	**94381-00425**
Addl. Dist. Judge	Udayabhanu Jena	2411943	2400807 2548655		
Special Judge Vigilance	Debssis Rout (vigilancejudgesbp@gmail.com)	2410346			**87638-11521**
Chief Judicial Magistrate	Anita Sahu	2410379 2412373	2520265		**94372-68100**
Registrar Civil Court	Janak Rout	2410469	2405554		**94372-68918**
P.A. to Dist.Judge	K.T.Patra				**72053-40664**
2nd. MACT Judge	Ajit Ku. Pattnaik	2400683	2521305		**94373-80171**
Family Court Judge	Niranja Panda				**94379-19587**
Sub-Judge	Anup Ku. Chandan	2410076	2521378		**94373-65755**
Public Prosecutor	Artatrana Mishra	2410331	2404331		**94373-52860**

Govt. Pleader	Ashok Senapati	2410331	2532059		**94373-52861**
DLSA	Subhankar Mishra				**82497-76805**
President, Bar Association	Sureswar Mishra	2410993		2410993	**94373-48049**
Secretary, Bar Association		2410076			
Govt. Advocate, Cuttack	P.K. Sinha				**94370-17395**
Standing Council, Govt.Advocate, BBS	Praharaj Babu				**98610-60587**
Labour Court Judge, SBP	Samal Babu				**94372-75981**
Nazir, Civil Court	*T.P.Seth*				***94382-01210***
Genl. Secy, CAC	*Niranjan Tripathy*				***94398-92172***
	Pramod Rath				***94370-68960***
	Pradeep Bohidar				***94372-58224***
	Rabi Pujari				***82499-09026***
MUNICIPAL CORPORATION					
Mayor		2411316			
Deputy Mayor					
SMC Commissioner	Shri Vedbhushan, IAS	2411012			**70089-89770** **94886-85649**
Addl. Commissioner	Sunil Kumar Kerketta				**99372-23181**
Addl. Commissioner	Sarojini Prasanna Kullu				**94373-31548**
Dy. Commissioner	Shankar Prasad Sahu, OAS				**70086-06681**

Dy. Commissioner	Subhadipta Mohanty, OAS				**94392-69452**
Dy. Commissioner	Seema Sabita Kullu, OAS				**77352-52868**
Asst. Commissioner	Rakesh Agrawal, ORS				**91786-77816**
Asst. Commissioner	Karna Suna, ORS				**82492-05943**
Asst. Commissioner	Ashok Ku. Mishra, ORS				**99386-71062**
Health Officer	Dr. Munda	2410724			**89848-16609**
Food Inspector	Sandeep Sourav				**72057-24996**
Steno to Commr.	Minati Panda				**94377-38884**
Executive Engineer	Ajaya Ku. Behera	2411319	2400503		**94370-85338**
Dy. Executive Engineer	Bipin Bihari Mohanty				**94372-53641**
Assistant Engineer	Paramananda Sahu				**94376-13950**
Junior Engineer	Biswambar Mishra	2411319	2481322		**94372-22804**
-do-	Mr. Simachal Dash				**94375-28732**
-do-	Debashish Prusty				**94376-33894**
Light Inspector	Swaroop Pattnaik				**94385-29544**
Account Officer	Sujata Sahu				**91784-92093**
Steno to Commissioner	Minati Panda				**94377-38884**
Community Organiser	Aprnna Padhi.	2481464	2481405		**98538-50404**
Community Organiser	Sambit Pradhan				**93387-53940**
Contr., Cleaning, SMC	Samarjeet Pattnaik				**94370-74000**
NAC, KUCHINDA					
Chairman, Kuchinda NAC	Pradyut Mohanty				**94370-44023** **70085-89605**

E.O., Kuchinda NAC	Gourav Pradhan	220060	220070	220070	**83288-21447**
NAC, RAIRAKHOL					
Chairman, Redhakhol NAC	Sibaram Sahoo				**98530-85123**
E.O., Redhakhol NAC	Biranchi Dharua	253466		253466	**93377-85446**
W.O.U.T.L.					
WOUTSL Secy	Saroj Ray				**94370-32284**
WOUTSL, POPCO	Mr. Bipin Bhatia				**94370-54092**
Dealing Assistant	Sarat Ch. Satpathy				**94392-09940**
Staff	Satyajit				**97780-88363**

O.S.R.T.C.					
Divisional Manager	Sukanta Sethi	2400955	2520404		**94398-62945**
Divl. Works Engineer		2402443	2520746		
Dist. Transport Manager	Gopal Bisoi	2520860	2405503		**86589-45051**
G.M ,OSRTC,BBSR	Saroj Patel	0674-2530908			**94372-57149**
Asst. Manager CRUT	Biswajit Panda				**98536-32983**
SAMBALPUR DEVELOPMENT AUTHORITY					
Chairman SDA		2401098			

Secretary, S.D.A.	Ajay Tiwari, OAS	2401098			**97778-52388**
Engineering Member	Prafulla Raito				**94398-49344**
Steno to Secy., SDA	Sudhansu Pati				**88953-95924**
Executive Engineer	Sagarika Sahu				**97764-22234** **82602-49939**
Asst. Engineer	N C Mendali				**94398-84853**
Jr. Engineer	J. Marandi				**94398-84853**
Steno to	Karana				**97776-62281**
Ex-Chairman, SDA	Jayabrata Dey				**94372-00919**

METROLOGY

IMD, Sambalpur	Ranjan Kumar Mohanty, Scientific Assistant	2412130			**91786-13130** **70083-25734**
Meteorologist, Andhrapradesh	Rabindra Kumar Mohapatra				**98612-80401**
Director, BBSR	Mr. Sarat Sahu	2596116			**94374-85328**
Metrology Office, Bhubaneswar		2534627, 2596093			

POLICE DEPARTMENT

I.G., N.R.	Himanshu Kumar Lal	2402016	2411017		
PA to I.G.	Abhinash Dubey				**98614-60901**

Supdt. Of Police	Mukesh Kumar Bhamoo	2412330	2411002		**94389-16550**
Steno to S.P	Binod Sahu				**94372-56844**
Supdt. of Police (Vig)	Saroj Ku. Samal	2412115	2410913	2412780	**94390-72115**
Addl.S.P.1	Ajay Kumar Mishra				**79781-16144**
Addl.S.P., DIB	Sasanka Sekhar Beura	2410910			**79780-26957**
DIB ,Staff	Radheshyam Biswal				**94372-54593** **82499-26580**
DSP, Vigilance	Dillip Kar				**94371-58491**
DSP, Traffic	Himanshu				**89176-18809**
DSP, Home Guard	Amar Naik				**99383-41814**
D.S.P., Hirakud Dam	Abakash Routray	2481219	2481243		**94371-17205**
Reserve Inspector	M. Mohapatra	2403149			**70088-53693** **94383-44570**
Police Housing Corp.(Jt.Manager)	Adesh Mohanty				**94370-64221**
SDPO, Sadar	Tapan Mohanty	2520344	2403224		**94385-54433** **98613-59126**
SDPO, Burla	Satyabrata Dash	2481219	2481243		**99382-16008**
SDPO, Kuchinda	Raj Kishor Mishra	220072		220024	**94384-06950** **99385-27573**
SDPO, Rairakhol	P.K.Meher	253020		253006 (O)	**94383-36622**
DSP OPS (U/T)	Sarthaka Ray				**79788-40413**
Cyber P.S	D.Bastia				**94375-50302**
Traffic Inspector	Banishree Routrai	2410819			**94382-26284**

Traffic/DSPIUCAW/WE	Sujata Panda				**94372-56185**
POLICE STATIONs					
Town P.S.	Bulu Swain	2403100, 2403224			**94387-15236**
Ainthapali P.S.	Sanay Ku. Nayak	2545192			**96684-53624**
Dhanupali P.S.	Ranjan Ku. Biswal	2411100			**79786-75897**
Khetrajpur P.S.	K.Priyanka Routray	2544007			**94394-80058**
Bareipali P.S.	PradyumnaK Swain				**70081-90416**
Sadar P.S. (06681)	Subrat Panigrahi	276363			**94380-16210**
Sason P.S.	Niranjan Das	2456608			**93483-36306**
Rengali P.S.	Surendra Panda	2560519			**94384-71571**
Thelkoloi P.S.	Sabitri Bala	2230452			**94381-80796**
Katarbaga P. S.	Anant Ch. Sahoo	2560523			**94395-06966**
Dhama P.S. (06681)	Binodini Naik	232336			**98615-94994**
Mahila P.S.	Anna Minz	2405405			**79782-10611**
Cyber P.S.	A.Dungdung				**63727-69340**
Traffic P.S.	Menaka Rout				**94382-93078**
Burla P.S.	Anil Pradhan	2430444			**94382-21169**
Hirakud P.S.	Srikanta Sahu	2481211			**94399-37797**
Kuchinda P.S. (06642)	Chandra Mohan Singh	220024			**86581-91234**
Jamankira P.S. (06649)	S.S. Patra	234203			**82492-17687**
Mahulpali P.S.(06642)	Purna Ch. Muguri	225411			**79784-54515**
Govindpur P.S. (06642)	Rajendra Ku. Behera	229228			**94379-31011**
Rairakhol P.S. (06644)	Sabitabala Sethi	253006			**90788-44577**

Naktideul P.S. (06647)	Dhirendra Swain	246334			**94398-98700**
Charmal PS (06644)	B. Pradhan	252172			**94378-32903**
Jujumura P.S. (06681)	Bamadev Sankhual	257630			**98616-83718**
Kisinda P.S. (06641)	Anjali Kumbhar	211431			**79781-68752**
Gunderpur O.P.	Basanta Ku. Sahu				**94372-56833**
MCH, Burla O.P.	Bideshi Sahoo				**99387-33773**
Jyoti Vihar O.P.	Hadu Behera				**70083-98141**
Goshala O.P.	Khirod Bihari Bag				**94374-17678**
Chipilima O.P.	Tapan Ku. Pradhan				**94375-01776**
Kusumi O.P.	Gangadhar Sahu				**94381-57960**
Garposh O.P.	Debaraj Sahu				**86587-10078**
C.R.P.F.					
Commandant, CRPF	Pramoda Ku. Sahu				**94388-78949**
Dy Commandant	Alok Awasthi				**94375-85729** **98187-40761**
	Nilanchal Padhi				**86372-87145** **87638-73984**
DIG CRPF, Goshala	Lalchand Yadav				**77427-22665**
OSCE/ASPO	Sumay Ranjan Thakor				**94389-18523**
	Venkatapathi				**75877-74330**
	Kendu Babu				**82499-00897**
Commandant, CRPF, Goshala	T.K.Hati				**87707-02122**

AGRICULTURE					
Chief District Agriculture Officer	Hemanta Kumar Jena	2402944	2400040		**79780-08139**
Agril. Dist. Officer	Manoj Kumar Pradhan	2520364	2401623		**94377-02207**
A.A.O., Sambalpur	Tankadhar Naga				**89174-05422**
Exe. Eng., Agril	Debasish Mishra				**94371-52396**
PD ATMA	Mr. D.Praharaj				**98613-71357**
OUAT, Chiplima	R.K. Pattnaik				**94370-70570**
ADAO, Kuchinda	Mr. Haramohan Patra	220026			**98613-50340**
A.A.O, Kuchinda	Mr. S.K. Chanda.				**94377-84863**
ADAO, Rairakhol	Ghanashyam Dehury	253034			**99377-24632**
R.S.B.Y.	Sheikh Babu				**94370-26020**
President, KSS	Ashok Pradhan				**94370-54175** **99371-66587**
AIC DCO,	Ashok Ku.Pradhan				**87636-47260**
DM, OAIC Ltd.	Debi Prasad Taudia				**94385-22350**
MD Seed Corpotation	Jyoti Ranjan Mishra				**94383-24304**
Dist. Coordinator, APICOL	Gopabandhu Garnaik				**96589-66856**
HORTICULTURE					
Deputy Director	Depti Bhitria	2401208	2522027		**89260-14769**
A.D.H.(SBP)	Sudam Ch. Biswal				**98534-93524**
A.D.H.(Kuchinda)	Chittaranjan Sahu				**94371-09297**

A.D.H.(Rairakhol)					
Soil Chemist	Shri K. K. Parida	2520724			**94372-17618**
D.M., OAIC	Kedarnath Mohapatra				**91784-73109**
VETERINARY					
C.D.V.O.	Dr. Shiba Prasad Dash	2548571	2520471	2548571	**77509-92140**
A.D.V.O.	Kalpataru Swain				**99377-75925**
A.D.V.O.	Anjan Kumar Dash				**94373-27371**
A.D.D.O.	Akash Ku Satpathy				**94372-02522**
Veterinary Hospital,	Dr. Binod Nayak	2520502			**94371-48349**
Jt Director, Vet, Chiplima	Dr. P.K. Singh	2570679			**94371-12528**
S.D.V.O., SBP					
S.D.V.O., Rairakhol	Dr. PK. Sahu	254253			**94372-40653**
S.D.V.O., Kuchinda	Dr. M.R. Satpathy	220265			**98610-77023**
FISHERIES					
Deputy Director	Jnanaranjan Samal	2520792	2520698		**79788-79920**
Dist. Fishery Officer	Tushar Ranjan Deep				**99373-63181**
Ins. Co-Socity Fisheries	Mr. H.K. Moharana				**99385-21960**
E.E.Fisheries Dev BBs, Hirakud	Padhi Babu				**94370-13387**
FOOD CORPORATION OF INDIA					

G.M., F.C.I.	N.K. Pradhan	2586447		2586307	**70777-05600**
District Manager		2402529	2401363		
Area Manager, F.C.I., SBP	Manjeet Singh	2402529		2400389	**82108-30689** **70777-05640**
Regional Manager, BBSR	B.Chanahaiah	2557544	2550117	2554990	**94370-04990**
Area Manger. MARKFED	Sukanta Satpathy				**98611-53304**
CO-OPERATIVE SOCIETY					
DRCS	Gajendra Panda	2410270	2410940		**93371-89587** **75045-26070**
A.R.C.S. (Sadar)	Ajit Kumar Bagarty	2410627			**94377-06700**
ARCS, Kuchinda	Gupal Pruasth				**94388-33765**
ARCS, Rairakhol	Sanjaya Tripathy				**99381-42907**
D.R.C.S. Head Clerk	Upendra Behera				**94375-65667**
Secy. Co-op. Bank	Dibakar Panda				**94375-34655**
Secretary, SDCC Bargarh	Guru Krishna Das			06646-232696	**99372-30023**
SDCC, Nodal Oficer	Siba Pr. Behera				**94374-01658**
Inspector, Textiles Bargarh	Sudam Panda				**94370-65524**
Asst. Director, Textiles	Hrushikesh Mahali				**94382-48153** **93483-81720**
MD,OSCDC .	Dayanidhi Rout				**94380-16069**
Co-operative Bank.	Behera Babu				**94374-01658** **76828-02402**

REGULATED MARKET COMMITTEE					
RMC Secy., Sambalpur	Saroj Meher	2545249	2410207		**99385-68276**
RMC, Bada Babu	Subash Ch. Tripathy				**94373-47637**
Sr. Accountant	Sunil Ku. Bhoi				**94370-57715**
RMC Secy. Kuchinda	Kishore Naik				**94371-10198**
RMC Secy, Rairakhol	Rohit Ku. Sahoo				**63718-95233**
CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICE					
CDM & PHO	Dr. P.K Hota	2401843	2548570		**94399-86001**
Administrative Officer	Nilambar Mahanand, OAS(SB)				**97769-29750**
A.D.M.O.(Medicine)	Dr. Alekha Mohapatra	2404148	2532297	2521803	**94399-86003** **94372-54005**
DPHO	Dr. Ashok Ku Das	2533536			**94399-86004** **70081-96796**
ADU PHO	Dr. P.K. Hota				**94371-21660**
Dist. Malaria Officer		2521577			**94399-86132**
AP Demiologist	Dr. Smruti R Panda				**98617-64854**
DVLM (ENT)		2521539			
Dist. Leprosy Officer	Dr. Seema Ray	2522883			**94399-86133**
Leprosy Officer Counsualtant	Dr. Hara Prasad Pradhan				**70089-77677** **94376-62437**
Maternity Hospital	Dr.	2520235			
DPM, NHM	Mrutyunjay Mund				**94399-86005**
Hospital Manger	Haripriya Sahu				**87634-57717**

AE, NHM	Sasmita Priyadarshini				**94399-86138**
DDM, NHM	Prakash Panigrahi				**94399-86007**
DPM RMNCH	Aswini Mahanand				**94399-86170**
Dist. Account Manager (DAM)	Sushil Ku Pradhan				**94399-86006**
MPHW	Manas Sahoo				**70082-45213**
Drug Inspector	Satya Naryan Mallick	2541865			**88951-68987**
WHO	Dr. Abani Sahu	2401467			**94371-45079**
Blood Bank Officer	Dr. Salila Mishra	2401464	2401465		**94373-52858**
Eye Specialist	Dr. Sukanta Panigrahi	2402752	2402182		**94370-51091**
Eye Specialist	Dr. Kalyani Patra				**94371-94744**
Medicine Specialist	Dr. A.K.Mahaptra		532758		**94372-54005**
Medicine Specialist	Dr. R.K. Mishra	2404826©			**94370-53322**
Homoeopathy	Dr. S.K.Dehury SBP	2404011			**94370-50230**
Inspector, Ayurved	Mr. Debidatta Kara	2412918			**94377-69374**
Head Clerk	Mahendra Kishan				**94381-49990**
Gynocologist	Dr. Raseswari Panigrahi				**94370-52800**
Orthopedic	Dr. N.C. Mohapatra				**94371-26788**
J.M.J., Hospital		2545270	2545474		**94377-38777**
K.D. Jalan, Hospital		2532905			
Samaleswari Nurshing Home, Burla	Dr. Rabindra Pradhan				**94370-50117**
Sajeevani Hospital	Dr. Purusottam Agrawal				**94370-56666**
Trilochan Netralaya	Dr. S.P. Sahu				**94375-94300**

SDMO, Kuchinda	Dr. Kuber Ch Mahant	06642-22309			**94399-85689**
Blood Bank, KCD	Dr. Patel	220309			**75042-26860**
SDMO, Rairakhol		06644-253031			**94373-47566**
Mr. RO,PNDT					**94399-85679**
Nurshing Training School					**94374-00906**
Homeopathy College	Rajendar Ku. Singh				**93372-24706** **70089-56476**
CPM NHM	Gurudata Purohit				**94399-98332**
Dist. Coodnt. BSKY	Prangya				**94399-99972**
VIMSAR, BURLA					
Superintendent	Dr. Lalmohan Naik	2430435	2430737		**94370-58422**
Director	Dr. Bhabagrahi Rath				**94374-26032**
Dean	Dr. Pradeep Ku. Mohanty				**98612-67654**
Administrative Officer, VIMSAR	Sudarsan Soy, OAS(SAG)				
	Dr. Shankar Ramchandani				**94372-56649**
Drug Controller	Dr. Subodha Ku. Nayak	2541915			**94371-86586**
Blood Bank Officer	Debashis	2431420	430315		**94398-94206**
Hospital Manger, NRHM	Kirtiman Mahant				**94399-86021**
Gupta Nurshing Home, Burla	Raju Babu				**94370-51257**

CHIEF ENGINEER

Mail-cebmumbburla@rediffmail.com

Addl. Chief Engineer Hirakud Dam Circle	Sudhir Sahu				**99388-83353**
Sr. GM OHPC,Burla	Debashis Mishra	2430741			**99374-70017**
Sr. GM OHPC, Chipilima	D.R. Subuddhi				**73288-40168**
GM OHPC, Chipilima	S K Beriha				**73288-40239**
CEO TPWODL, Burla	Praveen Verma	2431984/ 2430524	2432115		**99711-52897**
G. M. WESCO, Burla	Mr. K.C. Dash				**94370-59497**
Addl. Chief Engineer Hirakud Dam Circle	Saroj Panigrahi				**82498-07351**
Addl. Chief Engineer PHD	P K Dey				**82493-07513**
Chief Engg, RD	Jagannath Patel				**94372-55355**
Chief Engg, Road	Omprakash Patel				**94370-57260**
CMD, GRIDCO	Hemanta Sharma, IAS	2540098 (0674)	2556495 (0674)		**94389-07001**
Sr. Manager OCCL	Subhransu Dwivedy				**70085-68406**
Chief Engr. Power House	Sunil Nayak	2430197	2430791		**94383-49994** **87630-76767**
ED OPTCL, Burla	Sukanta Panda				**91241-53081**
DGM OPTCL, Burla	Suresh Patra				**94389-08077**
GM OPTCL, Burla	Naba Kishor Barik				**94389-07693**

CHIEF CONSTRUCTION ENGINEER(CCE)

R&B Division	Hemanta Naik				**70084-92808**
NH Division	L.K. Padhi				**94374-47769**
RD, Sambalpur		230404	230405		
RWSS, Sambalpur		2401063	2400727		
PH (Urban), SBP.		2412212	2412690		
Minor Irrigation, SBP (ACE)	Kandarpa Pradhan I/c				**82609-36286**
Main Dam Divn. (ACE)	Sudhira Sahu				**99388-83353** **94387-92671**

SUPERINTENDING ENGINEERS

Hirakud Dam Circle (CE)	Sushil Behera	2430001	2430002	2430877	**80184-63904**
TPWODL	Sushant Kumar Panda	2540056		2540057	**94370-57454**
R&B-I	Bibhuprasad Lenka	2548013	2548147	2548013	**94383-19121**
R&B-II	Ashok Ku Lenka	2410104			**84559-66949**
RWSS	Riteesh Sahu				**94384-15905**
Burla Irrigation Division	Jishu Krushna Beriha				**95569-18388**
Sambalpur Irrigation Division	Umakanta Nayak	2430445	2522578	2430445	**94390-03300**
Minor Irrigation, SBP	Premanand Samal	2412791	2410135	2410135	**94370-93358** **63710-38207**
GPHD	Swagat Chandra Nayak				**82493-61347**
Main Dam Divn., Burla	Subhranshu Dwivedi				**70085-68406**

EXECUTIVE ENGINEERS

Hirakud Dam Circle		Control Room- 2430592/ 2430292		2430212	
Main Dam Divn		2430476	2430452		
Addl. Spillway, Hirakud	Jyotirmaya Behera				**94370-81327** **83288-37297**
R.D., Sambalpur	Kumarmani Kisan	2401850	2401799		**94372-55311**
R.D., Kuchinda	Raj Kumar Meher				**94375-62208**
GM, PHD/WATCO	Bramheswar Das				**79789-43036**
AE, HDC, Burla (Ashok Niwas)	Tandi Babu,	2430101	2430128		**88959-71437**
TPWODL, Town	Damarudhar Ojha				**94370-57392**
TPWODL, Bhutapara	Rajib Ranjan				**94370-57962**
TPWODL, JSG	Ashish Ku. Panda				**94370-57953**
NH Sambalpur	Shantanu Sahu	2402462	2402465		**76060-31640**
OLIC, Sambalpur	P K Swain				**94397-39128**
OBCC, Sambalpur	Sujit Nayak				**84558-20455**
Mega Lift Irrigation	Mahendra Sahoo				**78694-31808**

SDO

AEE, R&B-I	Debasis Behera				**70080-56810**
AEE, R&B-I	Binit Lakra				**87636-79013**
R&B-I	Gautam Agrawal				**96588-03742**
R&B-I	Jitendra Kumar Meher				**98538-29995**
R&B-II	Jagannath Bhujabala				**83288-88685**

R&B-II, Burla	Shaik Mustar				**94372-10050**
RWSS Rairakhol	Manas Parida				**94397-05511**
PHD, Sambalpur	Gulsan Kumar Sahu				**96681-71748**
Minor Irrigation, SBP	Kundan Singh				**94392-26349**
Hirakud Dam Circle	Naresh Barik				**90900-04061**
GPHD	Balabhadra Nayak				**87635-09849**
Electrical Inspector	Suryakanta Jena				**95836-90217**
Fuse Call :- Kalibari- 2520341, Putibandh—2520341, Ganesh Nagar- 2540823, Burla Power House-2430498 **Fuse Call, Dhanupali-2410913**					
FOREST					
G.M. OFDC	Kali Ch. Hota IFS	2548185			**99384-22770**
R.C.C.F. (T)	Dr.Sandip Tripathy	2548104	2412064	2548104	**94374-88035**
Conservator (Afforestation)		2521290	2400271		
Chief Conservator (K.L.)	S.K. Achary IFS	2412953	2400917		
ACF, Hirakud (wildlife)					**94372-44484**
D.F.O. (T) SBP South	Kalunge Gourakk Waman	2410139	2400866		**94370-18866**
Range Officer Town	Gourishankar Das				**94373-92804**
Steno to DFO South					
D.F.O. (K.L.), Sambalpur	Nibedita Das	2520753	2401491		**82491-66043**
D.F.O. (Aff.), SBP		2520977	2521271		

D.F.O. (Wildlife) Hirakud (Debrigarh)	Anshu Pragyan Das	2548743	2402729	2412728	**94379-60604**
D.F.O. Bamra, (T)	P S mallik	229211	229204	229211	**94383-05048**
D.F.O. (K.L.), Rairakhol	S D Champatiray	229221	229204	253004	**82803-42632**
D.F.O. (T), Rairakhol	Ramakanta Nayak	253004	253005		**94370-54951**
D.F.O. (K.L.), Kuchinda	Debarchan Behera	220307			**94386-88165**

UNIVERSITY

Vice Chancellor, VSSUT, Burla	Prof Bansidhar Majhi	2430158 2430170	2430157		**94372-21124**
Registrar VSSUT	Pradeep Ku. Dang				**94370-82986**
Admin Officer					
VC, Sambalpur Unirversity, Burla	Prof. Bidhu Bhusan Mishra				**94371-34777**
Registrar, Sambalpur University	Nruparaj Sahu				**91787-20667**
Admin Officer	Ashok Rath				**73815-31154**
Controller of Exam, SBP University	Rabindra Panigrahi				**94379-51607**
Vice Chancellor, GM University	N Nagaraju				**94835-13030**
Registrar, GM University	Sanat Kumar Naik, OAS				**94391-82740**
Dy Registrar, GM University	Uma Pati				**94371-94881**
Admin Officer					

Registrar OSOU	Manas Ranjan Pujari				**94374-03013**
COLLEGE					
Director, IIM (I/C)	Dr. Dipti Ranjan Mahapatra				**94265-94925**
Admn Officer IIM	Amrut Mohanty				**70644-10810**
Principal 2nd Sainik School	Alok Kumar, Lt. Colonel				**96922-00668**
Principal, B.Ed.	Dr, Karuna Kar Pradhan	2412590	2412237	2411549	**79785-33507**
Principal, Womens College	Prafulla Chandra Sethi	2412288			**95569-69078**
Principal, Homeopathy (Hospital)	Dr. Diptikanta Singh	2402619	2402619		**96582-16125**
Law College	Prof. B.Behera	2533121	2533122		**94385-09782**
NSCB, College Putibandh		2546403	2548447		
Principal, Govt. Poly. Tech, College, Rengali	K.Choudhaury				**94378-30303**
Kuchinda College		220030	220042		
Jamankira College					**95834-05262**
NAC College, Burla	Dr, Santosh Bhoi	2430582			**99385-33147**
NAC College, Hirakud		2481323			
Dean OUAT, Chiplima	Kailash Ch Samal	2460522	2460523		**94372-29140**
Kendriya Vidyalaya-I	Ranranjay Singh	2521029	2532145	2402687	**82990-10344**
Kendriya Vidyalaya-II	Susmita Pradhan				**98618-50836**
Gurunanak Public School	Sunanda jyoti	2521910	2522690		**98534-12713**

St. Joseph Convent, Sakhipada	Swapnita Pani	2548439	2521916		**94372-01010** **94373-48961**
Madnawati Public, Ainthapali	Santiraj Pandey	2540428			**94372-58390**
St. John School, Sakhipada	Sister Jessythe Ukan				**88954-16305**
J.N.V, Goshala	Sudhansu Ku Dash	2570834	2570696		**82800-53800**
DAV School, Burla, MCL	Rashmi Mishar	2430392			**94372-58341**
Deaf & Dumb School	Mr. Jayadev Mishra	2430794			**94373-44850**
EDUCATION					
Regional Director, Higher Education	Pravati Guru				**94378-05204**
Regional Director, HSE	Bikash Pradhan				**94383-91484** **70080-02429**
Dy Secretary, CHSE	K C Dandapat				**99379-28470**
D.I.E.T.Sambalpur	Prasanta Mohaptra	2540789			**94378-58078**
Regional Director, Higher Education	Prabhabati Guru	2540930			**98611-89059**
Dy. Secretary, BSE Sambalpur Zone	Debraj Rana				**94371-49065**
Dist Education Officer	Laxman Bhoi	2540145			**94393-94820**
ADEO	Ujagar Pradhan				**86581-33647**
ADEO	Satya Sahu				**94381-85368**
Head Clerk	Prahallad Rohidas	2410580	2410424		**94375-59981**

B.E.O, Dhankauda	Muralidhar Behera				**87634-34243**
B.E.O, Rairakhol	Bhagaban Bankira				**96685-35684**
B.E.O, Kuchinda	Ushat Pradhan				**94381-49977**
B.E.O, Rengali	Jayashree Dora				**90908-77372**
B.E.O, Maneswar	Sanatan Biswal				**99377-91079**
B.E.O, Jujomura	Jayakrushna Ping				**96688-15068**
B.E.O, Jamankira	Sushama Nayak				**94374-21390**
B.E.O, Bamra	Binay Prakash Soy				**82490-82456**
B.E.O, Naktideul	Biswanath Sahu				**91788-59022**
COMMERCIAL TAX					
Addl. Commissioner, CT & GST	Ambika Bhoi	2520289	2520083		**94371-10354**
Dy. Commissioner, CT & GST	Sibashis Suryakanta Sahu				**87630-42942**
Dy. Commissioner, CT & GST	Swasti Badpanda				**94397-57117**
CT & GST Officer	Nirupama Sahu				**94378-05636**
CT & GST Officer	Arun Kumar Pradhan				**79784-99329**
CT & GST Officer	Manisha Agrawal				**91780-52424**
CT & GST Officer	Hemsagar Bisi				**94371-61136**
INDUSTRIES					
D.C.O., Bhubaneswar		2542248		2543865	**98615-75413**

					94386-88336
G.M., SAMUL	Dr. Saroj Ku Sahu	2401490	2405267	2401420	**94396-35744**
Diary Plant. Manager(OMFED)	Mr. Panda Baba				**98610-68531**
CGM IDCO	Aswini Kumar Biswal				**94372-06290**
CGM Land IDCO	Bijay Kumar Dash				**70085-83020**
Div Head IDCO	Bidhan Ch Majhi	2405111			**72058-02452**
Addl Land Office, IDCO	Birasen Behera				**94392-23139** **70085-22997**
President, Hindalco	Ardendu Mahapatra				**94370-05017**
M.D.,Sambalpuri Bastralaya	B.N. Das				**94370-52472**
CENTRAL EXCISE					
Asst.Commissioner	Dr P. Chauhan				
Inspector	Tikela Sulia				**94939-99646**
TELEPHONE					
D.G.M.	Arun Naik	2401400			**94370-78900** **94371-80000**
A.D.G.M., BSNL	A.K.Singh				**94371-80000**
A.G.M, Telecom	Adili Babu				**94375-81585**
G.M. Telecom	Balabir Singh	2410065	2405000		**94370-03320**
S.D.O. (Optic Fibre)	Ali Babu	2410200	2401990		**94370-56786**

		2410100			
S.D.O. Telephone	Biswaranjan Sahu	2404296			**94379-59290** **94390-85955**
PA to GM	Das Babu	2412700			**94374-00700**
(CSR) Mobile	Mr. Behera Babau				**94370-49555**
Internet Complain	Abhinasha				**94380-00091**
JTO, L.M.	Mohanty Babu	2410141			**94373-62411**
Telephone Repairing	Mr. Nazir Babu	2410786			**87631-78620**
AGM	Mr. Mallick				**94370-79009**
SDO,Comm.	Bhoi Babu				**94370-00450**
POSTAL					
Post Master General	Riju Ganguly	2410438			**88110-92244**
Suptt. Of Post Office	Bipin Bihari Negi	241178	2412041		**94379-33632**
Post Master, Sambalpur HO	Ashok Mirdha	2410965			**82496-77515** **94382-84048**
Addl. Post Master	Sangita Bhoi	2410156			**70088-38933**
ALL INDIA RADIO					
Station Director	Majhi Babu	2410571	2410507	2410507	**82490-63832**
Station Director Engeneering	Sheshadev Tajan	2410571	2402438		**94371-71571**
Programme Executive	P. K. Majhi				**98610-07190**

DOOR DARSHAN					
Station Director	Mr. Kakuli Pal	2400291	2520951	2400492	**94370-65342**
Station Engineer		2400492	2400390		
Transmit Engineer		2521040			
Duty Room/PBX		2520765			
Joint Direc. News Bhubaneswar	2301048		2300800		
EAST COAST RAILWAYS					
D.R.M., East Cost Rly.	Pradeep Kumar	2401331	2400498	2401331	**84558-86000**
P.A. to D.R.M.	Mr. Pradhan	2522397			**94375-84512**
Steno to D.R.M	Pramod Biswal				**84558-86874**
	Raiguru				**84558-86066**
A.D.R.M. East Cost Rly.				2405312	**94370-69591**
P.R.O.	Mr.Nihar Mishra	2532073	2533215, 2532073 (fax)		**84558-86012**
Station Manager/ Master	N.K .Sathpathy	2522122, 2533169			**84558-92919**
D.C.M.	Mr.Horo	2533195		2400093	**84558-86953**
DRM SE. RLY. Chakradharpur	Mr. R. G. Gupta	06587-238026		239526	**94311-12034**
BANKS					
RBI, Sambalpur	Surjakanti Das				**94391-61912**

LDM	Debkishore Nayak	2540026			**98862-30217**
Chief Manager, SBI	Biswa Ranjan Meher	2410924			**90044-70078**
Regional Manager, SBI	Surendra Jena				**81143-68489**
Dist. Dev. Manager, NABARD	Dhirendra Kumar Dash	2401645	2541645		**80927-09519**
NATIONAL CADET CORPS					
Cornel	Gourava Sharma				**73810-71811**
Group HQrs. (Stadium)	Venkateswar	2412776	2400735		**99582-99914**
	Col. M. Panigrahi				**9438490244**
	Hav, S.Sahu				**99370-54103**
Branch Recruitment Office, ARMY OFFICE	Sandip Bose	2520845	2533173	2520845(F)	**94355-50351**
	Maj. P.K.Panda	2400560	2532983		**87633-44133**
NCC, Hqr., SBP	Col. Bikash Goswamy				**94374-75595**
M.C.L.					
C.M.D.	B.N. Shukla	2542855	2542085	2542366	**96685-68111**
P.S. to CMD	Umesh Sahu				**95720-94112**
C.G.M	Amrendra Kumar	2542589			**94383-85722**
General Manager (Welfare)	Mr.				**94384-93548**

General Manager (Admn.)	P C Sethi		2542293	2542787	**94384-94229**
General Manager(Personnel)	Mr.P.K.Dash	2542653	2542876(O)		
General Manager(Civil)	Mr. G.P. Purbey	2542779		2542180	**94390-38106** **94374-79156**
Director (Personnel)	Keshav Rao	2542332	2542090	2542508	**75030-10726**
PS to Director(P)	Dillip Ku Sahu				**94377-81232**
Personal Manager	Mr.Patra	2542781			**94370-51504**
P.R.O.	Mr. D.K. behera				**94374-95819**
Dy. Ch. Engg.	Mr. Subrat Pal				**94395-36744**
Sr. Manager	Mr. Debasis Roy				**94382-02075**
GM, CSR	Sairam				**94375-63269**
Dy. Sales Officer	Sri S.K.Marker				**98610-23793**
Director	Mr.Gulab	2542332	2542090/ 2542917/ 2542461		**94370-64090**
Guest House, BBSR	Mr.Naik	0674-2303286			**94372-83725**
G.M Environment	Mr. Tripathy babu				**94388-79756**
G,M. R&R,PDC fund	Mr. M.Gupta				**94370-41954**
MCL, Suite –in-Charge	Rajendra Nanda				**94388-79592**
	N.K. Mishra				**94388-79569**
MCL Suite –in-Charge,BBSR	A.K.Mishra				**94388-78834**
	S.Das				**94388-78225**

GUEST HOUSE/ I.Bs					
Ashok Nivas, Burla	Gurulia Babu, AE	2430462			**99371-65346**
Sambalpur Circuit House		2411443	2411242		
Pantha Nivas, SBP	H.K. Pradhan	2411118	2411282	2411296	**94372-58168**
E.E. OTDC	A.K. Jena				**94373-12145**
MCL G.H. Burla	Nanda Babu	2430876			**94388-79592**
	Mishra Babu	2404218			**94388-79569**
MCL, BBSR, Manger	A.K. Mishar, Eng	2431855	2300242	2300513	**94388-78834**
MCL BBSR,	Samantray Babu	2403974			**94370-09422**
	Raja	2403992			**94379-57078**
Circuit House ,BBSR	Arakshit Mallik				**94387-88889** **83277-98169**
PRESS/MEDIA					
Sambad	Ratnakara Bhoi				**94374-02715**
Sambad	Gyana Ranjan Mishra				**94383-82527**
Sambad	Naresh Seth				**94371-58048**
Samaj	Braja Mohan Sahu				**94380-60450**
Samaj	Lingaraj Sahu				**98530-68705**
Samaj	Sakanta Kumar Kar				**94371-49166**
Samaj	Prabhudatta Pujari				**98616-59015**
Samaj	Biraj Mishra				**94370-50929**
Samaj	Biju Patnaik				**94371-75400**
Prameya	Sweta Kumar Pradhan				**94371-58784**

Prameya	Gyana Brata Bhoi				**88955-49586**
Prameya	Suvendra Sahu				**94388-42679**
Prameya	Tafizul Hussein				**94392-21989**
Prameya	Goutam Mishra				**82706-28854**
Dharitri	Subhasis Padhi				**94373-44731**
Dharitri	Shankar Behera				**94374-02923**
Nitidin	Shiva Shankar Nanda				**94371-37331**
Pragatibadi	Prafulla Dash				**94372-19897**
Hiranchal	Siva Prasad Meher				**94370-53913**
Sakala	Satyajit Mohapatra				**94373-57655**
Times of India	Subrat Mohanty				**94396-32879**
New Indian Express	Mayank Pani				**89176-00050**
Agnisikha	Deepak Kumar Panda				**87633-85828**
Anupam Bharat	Priya Ranjan Babu				**79786-99738**
Statesman	Pramod Pattanaik				**94374-02877**
Nab Bharat	Dasarathi Behera				**94383-85482**
Nab Bharat	Newton Ray				**94392-07770**
Dainik Jagran	Radhe Shyam Verma				**77899-17631**
Sweekar	Hemanta Mohapatra				**94373-48018**
Pioneer	Nimai Ch Sahu				**94383-85577**
Janamukha	Birendra Panigrahi				**98611-54509**
Utkal Samachar	Saroj Sahoo				**94382-46501**
OTV	Sanjay Jena				**99377-75819**
OTV	Ranjan Singdeo				**94386-44141**
News18	Tribikram Pradhan				**93373-01525**

News18	Krushna Chandra Parida				**96586-50288**
Kanaka TV	Bishnu Prashad Dwibedy				**94372-18911**
Kanaka TV	Subrat Mishra				**94388-10800**
News7	Gunamani Biswal				**86581-86756**
News7	Manoj Nayak				**94388-10800**
ETV Bharat	Badshah Jushman Rana				**99374-92411**
Nandighosh TV	Samir Sadangi				**78731-06494**
Nandighosh TV	Chaitnya Nayak				**99383-21817**
Nandighosh TV	Nilu Sahu				**94373-55953**
MBC TV	Manas Nayak				**94383-34227**
Kalinga TV	Sraban Pati				**94373-55252**
Kalinga TV	Dharmendra Pattnaik				**99376-10865**
Naxatra TV	Jyotish Mahanti				**94371-37112**
Naxatra TV	Saroj Seth				**93370-01102**
Zee Odisha	Ajaya Nath				**94370-83865**
Argus TV	Malaya Bhoi				**97777-74067**
UTV Sambalpur	Sudeshna Panda				**87630-32600**

M.P. & M.L.As

M.P. Sambalpur-3	Dharmendra Pradhan	dpdharmendrapradhan@gmail.com	**98681-80290**
M.L.A., Sambalpur-17	Jayanarayan Mishra	jayanarayanmishra24@gmail.com	**94370-55885**
M.L.A., Rengali-16	Sudarshan Haripal	Mlarengali2024@gmail.com	**93482-33215**
M.L.A., Kuchinda-15	Rabi Narayan Naik	rabinaik.m.l.a@gmail.com	**94370-05682**
M.L.A., Redhakhol-18	Prasanna Acharya	mail.pkacharya@gmail.com	**76849-05313**

Ex-M.P./M.L.A.

M.P.(R.S)	Pramila Bohidar	2400808		**87631-78447**
M.P., Sambalpur	Mr.S.Panigrahi			**94370-57115** **94370-50622**
M.P. Sambalpur	Nagendra Pradhan			**94370-42905**
M.P., Sambalpur	Nitesh Ganga Deb			**94370-56338**
MLA, Sambalpur	Dr. Raseswari panigrahi			**94370-52800**
MLA, Rengali	Ramesh Chandra Patua			**99374-00546**
MLA, Rengali	Nauri Nayak			**94370-88735**
MLA, Kuchinda	Kishor Chandra Naik			**94370-53717**
MLA, Rairakhol	Rohit Pujari			**94370-49029**
MLA, Rairakhol	Sanatan Bisi			**94371-17698**
M.P. R.S.	Shri Lath	2402754	2121822	**94371-58601** **94374-88822**
President, BJP, SBP	Suresh Pujari			**94370-60000**
President, Congres	Manju Dash Suresh Mishar			**94372-54515** **94373-48049**
M.P. Asst.	Premanada Biswal			**94370-14422**
SDA, Chairman	Mr. Bijay Mohanty			**94378-06527**
Chairman, OLIC	Mr. Rohit Pujari Rinku,Asst.			**94370-49029** **99378-22200**

CIRCUIT HOUSES LOCATED IN THE STATE

CIRCUIT HOUSE	NAME	OFFICE	FAX	Mobile No.
Circuit House, Angul		06764-236419		
Special Circuit House, Balasore		06782-262012		
Circuit House, Bargarh		06646-233977		
Circuit House, Bhadrak		06784-242300		
Circuit House, Bolangir		06652-232430		
Circuit House, Boudh		06841-222062		
Special Circuit House, Cuttack		0671-2305043		
Circuit House, Dhenkanal		06762-224611		
Circuit House, Paralakhemundi (Dist. Gajapati)		06815-223045		
Special Circuit House, Berhampur		0680-2206910		
Circuit House, Chhatrapur		06811-263929		
Circuit House, Gopalpur		0680-2242034		
Circuit House, Jagatsinghpur		06724-220947		
Special Circuit House, Paradeep		06722-222166		
Circuit House, Bhawanipatna (Kalahandi)		06670-230498		
Circuit House, Keonjhar				**9238272105**
Special Circuit House, Bhubaneswar		0674-2392288		
Special Circuit House, Koraput		06852-251324		
Circuit House, Malkangiri		06816-230335		
Circuit House, Baripada (Mayurbhanj)		06792-262659		

Circuit House, Nabarangpur		06858-222375		
Circuit House, Nayagarh		06753-252240		
Circuit House, Nuapara		06678-223419		
Circuit House, Phulbani		06842-253675		
Special Circuit House, Puri		06752-222036		
Special Circuit House, Sambalpur		0663-2411443		
Circuit House, Sonepur		06654-220901		
Circuit House, Sundargarh		06622-272220		
Circuit House, Panposh (Rourkela)		0661-2664365		