

District Disaster Management Authority
Approved
District Disaster Management Plan-2025-26
Prepared by
District Emergency Operation Centre, Cuttack

District Emergency Operation Center Cuttack Prepared a Synopsis of District Disaster Management plan 25-26 and the same was circulated among all the members of DDMA. All members were aware about the process of preparation of District Disaster Management Plan 2025-26, The District Disaster Management Authority Organized the DDMA & DLCNC consultation meeting on 16th May 2025. The Following Members of the District Disaster Management Authority, Cuttack received the DDMP Synopsis and their valuable feedback was incorporated in the Plan.

1. President Zilla Parisad, DRDA, Cuttack
2. Additional District Magistrate (Rev), Collectorate, Cuttack
3. CDO-Cum-EO, Zilla Parisad, Cuttack
4. Superintendent of Police, Cuttack
5. CDM & PHO, Cuttack.
6. Executive Engineer of MI & LI, Cuttack-I &II
7. Executive Engineer R&B, Cuttack
8. Executive Engineer Rural Development, Cuttack
9. Chief District Agriculture Officer, Cuttack
10. District Emergency Officer, Collectorate, Cuttack
11. District Project Officer-OSDMA, Cuttack.

After receiving the DDMP- Volume-I & Volume –II formats from OSDMA, the formats are circulated among all the line departments and after several follow up, reminder and personal visit the Information was collected from line departments which was incorporated in the DDMP- 2025-26. This year the plan in mainly divided in to two parts Volume-I & Volume-II.

Volume – I contain the District Disaster Management Plan.

1. Cuttack District Profile
2. Hazard, Risk and Vulnerability Analysis
3. Institutional Arrangements
4. Prevention and Mitigation plan
5. Climate Change Adaptation
6. Inclusive Disaster Risk Reduction
7. Safety of Schools and Child Care Institutions
8. Chemical (Industrial), Nuclear and Radiological
9. Biological Disaster & Public Health in Emergencies
10. Capacity Building plan
11. Preparedness
12. Response
13. Restoration and Rehabilitation
14. Recovery
15. Financial Arrangement
16. Lessons Learnt and Documentation.

Volume – II consists of tabular information from different line departments of the district, maps, important contact details and annexures.

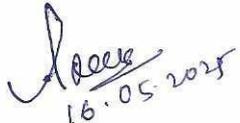
1. Socio- Economic Profile
2. Infrastructure Details
3. Vulnerable Villages and other critical infrastructure
4. Telephone Numbers
5. Cuttack District Contingency Plan for different Disasters.
6. District Specific India Disaster Resource Network (IDRN) information.
7. Maps
 - a. District and Block Administrative
 - b. River Map
 - c. Drainage Map
 - d. Road and Railway Network
 - e. Multi Hazard Map
 - f. Boat Operation Points
 - g. Major Industrial Establishment.
8. Institutional Arrangement- Annexure
9. Financial Arrangement – Annexure
10. Format of damage to live and properties- Annexure

ADM (Rev) and District Emergency Officer reviewed all agenda points during the DLCNC meeting. Following updates to DDMP Volumes I & II, the revised document will be circulated to all members. Prepared in consultation with SPOs of OSDMA and various line departments, the DDMP 2025-26 has been modified as per suggestions from DLCNC members. It is now being submitted for final approval by the DDMA before onward submission to OSDMA and SRC.


President Zilla Parisad
Cuttack

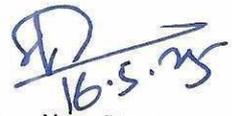

Superintendent
Police
Cuttack


A.D.M. (Rev)
Cuttack


CDO-Cum-EO
Zilla Parisad
Cuttack

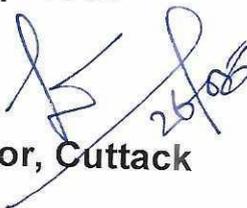

JCDM & PHO, Cuttack.


Executive Engineer of LI
Cuttack


Executive Engineer RD
Cuttack


Dist. Emgy. Officer
Cuttack

Approved


Collector, Cuttack



DISTRICT DISASTER MANAGEMENT PLAN

CUTTACK - 2025



Abbreviation

DDMA	:	District Disaster Management Authority
DDMP	:	District Disaster Management Plan
DEOC	:	District Emergency Operation Centre
HRVA	:	Hazard Risk and Vulnerability Analysis
ADM	:	Additional District Magistrate
AWC	:	Anganwadi Centre
BDO	:	Block Development officer
BCR	:	Block Control Room
CCA	:	Climate Change Adaptation
CDMO	:	Chief District Medical Officer
CDPO	:	Child Development Project Officer
CDVO	:	Chief District Veterinary Officer
CMRF	:	Chief Ministers Relief Fund
DC	:	District Collector
DCR	:	District Control Room
DDMP -	:	District Disaster Management Plan
DDM	:	District Disaster Manager
DEOC	:	District Emergency Operation Centre
DRDA	:	District Rural Development Agency
DSWO	:	District Social Welfare Officer
DRR	:	Disaster Risk Reduction
GoI	:	Government of India
GP	:	Gram Panchayat
HRVA	:	Hazard Risk and Vulnerability Assessment
IAY	:	Indira Aawas Yojana
MO	:	Medical Officer
NGO	:	Non-granted Organisation
OSDMA	:	Odisha State Disaster Management Authority
OIC	:	Officer In charge
PDS	:	Public Distribution System
PHC	:	Primary Health Centre
PWD	:	Public Works Department
RD	:	Route Distance
SP	:	Superintendent of Police
VSO	:	Veterinary Stock officer
W&CD	:	Women & Child Development
UNDP	:	United Nations Development Programme
NIDM	:	National Institute of Disaster Management
CDKN	:	Climate & Development Knowledge Network
GEAG	:	Gorakhpur Environmental Action Group
ISET	:	Institute for Social and Environmental Transitions
SLD	:	Shared Learning Dialogue

Table of Contents

CHAPTER - I	7
1.1 Introduction	7
1.2 Aims and Objectives of the DDMP:	7
1.3 Preparation and Approval of DDMP:	8
1.4 Evolution of DDMP: Evolution, Procedure and Methodology	9
1.5 Stakeholders and their responsibilities.....	9
1.6 Plan for review and updating: Periodicity.....	10
CHAPTER - II	12
2.0 District Profile	12
2.1 History & Location:	12
2.2 Administrative Setup:	12
2.3 Climate & Rain fall:.....	14
2.4 Geography:.....	15
2.5 Topography:.....	15
2.6 River System:.....	15
2.7 Demography:.....	16
2.8 Socio-Economic profile:	17
2.9 Critical infrastructure	17
2.10 Storage Facility with Capacity	18
2.11 Vulnerable profile of the District	19
2.12 Rain gauge and Automatic Weather Stations	21
CHAPTER- III	23
3.0 Hazard, Risk and Vulnerability Assessment	23
3.1 Major Disasters/ Incidents during 2006-2025	23
3.2 Major Disasters/ Incidents during 2022 to 2025:	25
3.3 Vulnerability and Risk Assessment related to disasters:	26
3.3.1 Cyclone	26
3.3.2 Flood:.....	27
3.4 Events/ Festivals/ Functions organized mass gathering:	28
3.5 Boat operation points:	29
3.6 Lightning:.....	30
3.7 Major Industrial Establishments:	31
3.8 Drought:	34

3.9	Drinking Water Crisis:	35
3.10	Railway Line Exposed to different Hazards:.....	35
3.11	Road Accidents:.....	36
3.12	Population Requiring Special Care:	37
3.13	Hazard Calander:.....	37
CHAPTER – IV		39
4.0	Institutional Arrangement	39
4.1	National Disaster Management Authority (NDMA).....	39
4.2	National Executive Committee (NEC)	39
4.3	State Disaster Management Authority (SDMA).....	39
4.4	State Executive Committee (SEC)	39
4.5	Revenue and Disaster Management Department:	40
4.6	Special Relief Organization:	40
4.7	Odisha State Disaster Management Authority (OSDMA):	40
4.8	State Level Committee on Natural Calamity (SLCNC)	41
4.9	District Disaster Management Authority (DDMA)	41
4.10	Structure of District Disaster Management Authority.....	41
4.11	District Level Committee on Natural Calamity (DLCNC)	44
4.12	National Disaster Response Force (NDRF)	54
4.13	Odisha Disaster Rapid Action Force (ODRAF)	55
4.14	Emergency Communication System	56
4.15	GO-NGO Coordination	59
4.16	List of Flood Shelters.....	61
4.17	No of power Boats available in different Blocks.....	62
CHAPTER - V		64
5.0	Prevention & Mitigation	64
5.1	Ways & Means to prevent disasters:	64
5.2	Scope for integrating different schemes	65
CHAPTER – VI		68
6.0	Climate Change Adaptation and Mitigation	68
6.1	Major Greenhouse Gases Contributors	68
6.2	Sectors with High Mitigation.....	69
6.3	Statutory Compliance of the Factories/ Industries.....	69
CHAPTER – VII		71

7.0	Inclusive Disaster Risk Reduction.....	71
7.1	Background: A need to include Persons with Disabilities.....	71
7.2	Data Collection.....	71
7.3	Information on Population Requiring Special Care.....	71
7.3.1	Information on Person with Disability (PwD).....	71
7.3.2	Information on vulnerable women and children.....	72
7.3.3	Information on Aged and Pregnant Women	72
CHAPTER – VIII		74
8.0	Safety of Schools and Child Care Institutions	74
8.1	Category & type of Schools.....	74
8.2	School Safety Advisory Committee (District Level).....	75
8.3	Details of School Safety.....	76
8.4	Disaster Management Education (School Safety and School Disaster Preparedness): ..	79
8.5	Important Line Departments at the District	79
8.6	Details of Child Care Institutions (CCIs)	79
8.7	Details of CCIs in the district:	89
CHAPTER – IX.....		93
9.0	Chemical (Industrial), Nuclear and Radiological Disaster	93
9.1	Chemical (Industrial) Disaster	93
9.2	Critical Facilities/ Infrastructures:.....	94
9.3	Nearest Hospital from the Factories/ Industrial Units:.....	95
9.4	Nearest Fire Station of the Factories/Industries:.....	96
9.5	Details of District Crisis Group:	97
CHAPTER - X		97
10.0	Biological Disaster and Public Health in Emergencies	103
10.1	Biological Disaster Management & Medical Preparedness.....	103
10.2	Nodal Departments for Managing Biological Disaster:.....	103
10.3	Important/ Critical Infrastructure:	104
10.4	Needs of More Vulnerable Groups	104
CHAPTER – XI.....		106
11.0	CAPACITY BUILDING.....	106
11.1	Approach.....	106
11.2	Capacity Building of Govt. Officials, PRI Members etc.:	106
11.3	Table-top Exercise.....	110

11.4	District/ Block level Mock Drills:	111
11.5	Disaster Management Education.....	111
11.6	Community Capacity Building and Community-Based Disaster Management:.....	111
11.7	Capacity building of Committee and Task Force members	112
11.8	Shelter level mock drills	112
11.9	Apadamitra – Trained Volunteers:.....	113
CHAPTER – XII.....		114
12.0	Preparedness	114
12.1	Relief Line Channels: District to Blocks	114
1.2	Relief Line Channels: Vulnerabilities of Roads (Block to GPs)	114
12.3	Resources available: Response force & Volunteers.....	125
12.4	Preparedness at District level:	125
12.5	Preparedness at Community Level	126
12.6	Preparedness at Family Level.....	127
12.7	Preparedness at Individual Level	127
12.8	Preparedness of Departments	128
CHAPTER – XIII.....		132
13.0	Response: Incident Response System.....	132
13.1	Phases of Response: Timeline.....	136
13.2	Response	136
13.3	Response: Community Level.....	137
13.4	Response: Family & Individual Level.....	137
13.5	Response: Standard Operating Procedures for Departments	138
CHAPTER – XIV		146
14.0	RESTORATION AND REHABILITATION	146
14.1	Rehabilitation & Restoration	146
14.2	Standard Operating Procedure: Restoration & Rehabilitation	146
14.3	Damage Loss Assessment	151
14.4	Calculation of assistance for agricultural input subsidy-SMF	152
14.5	Agricultural input subsidy- Farmers other than SMF.....	153
14.6	Farmers affected by successive calamities	153
14.7	Animal Husbandry (Replacement of Animals)	153
14.8	Assistance sought for repair /restoration of damaged houses	154
14.9	Assistance for temporary accommodation, food, clothing and medical care	155

14.10	Extent of damage due to natural calamities.....	156
14.11	Format for repair of Damaged Infrastructure of Immediate Nature.....	157
CHAPTER – XV		159
15.0	Recovery:	159
CHAPTER – XVI		160
16.0	Financial Arrangement.....	160
16.1	National Disaster Response Fund (NDRF).....	160
16.2	State Disaster Response Fund (SDRF)	160
16.3	Chief Minister Relief Fund (CMRF).....	161
16.3.1	Cases Eligible for Assistance under CMRF.....	161
16.3.1.1	Poor and persons in distress:.....	161
16.3.1.2	Aged, differently able, orphans, AIDS affected:.....	161
16.3.1.3	Persons affected by calamities or violence:.....	161
16.3.1.4	Assistance for Rural Development:.....	161
16.4	Release of Funds to Departments and Districts:.....	162
16.5	Damage Assessments and Report after Flood/Cyclone.....	162
16.5.1	Submission of preliminary damage report (Para-76 of ORC)	162
16.5.2	Submission of final flood damage report (Para-77 of ORC).....	163
16.6	Central and State Government programmes and Schemes on Natural Calamities.....	163
16.7	Roles of District Planning committee on mainstreaming (DRR)	171
16.8	Fund provision for Disaster Preparedness and Capacity Development:	172
16.8.1	State Disaster Response Fund:.....	173
16.8.2	National Disaster Response Fund:	173
16.8.3	Chief Minister’s Relief Fund:	173
CHAPTER - XVII.....		175
17.0	LESSONS LEARNT AND DOCUMENTATION	175
17.1	FANI.....	176
17.2	COVID -19.....	176
17.3	Flood 2022	178

CHAPTER - I

1.1 Introduction

The district is vulnerable towards natural disasters like; floods, cyclones, droughts, earthquakes, sunstroke, fire accidents and others. These hazards, natural as well as manmade, pose a serious threat to life and livelihood causing loss of life, and property and adversely affecting the process of development. The effective disaster management strategy can often be prevented or at least minimized the probable disaster.

Precise actions, procedures and responsibilities have to be laid down well in advance in order to ensure timely response in case of any disaster. Therefore, a mechanism that considers multiple hazards and basic preparedness has to be articulated in the form of Quick Response Teams, Quick Assessment Teams, Reporting Procedures, Checklist and Handbooks. The mechanism also lays down crucial parameters, requirements and organizational composition of Emergency Operations Centers and Incident Command Systems.

Under the DM Act 2005, it is 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. These processes are to be incorporated in the developmental plans of the different departments and preparedness to meet the disaster and relief, rescue and rehabilitation thereafter, so as to minimize the loss to be suffered by the communities and are to be documented so that it is handy and accessible to the general public.

Section 31 of Disaster Management Act 2005 (DM Act) makes it mandatory to have a disaster management plan for every district. 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) To provide effective support and resources to all concerned individuals, groups and departments in disasters
- b) To assists the Line Departments, Block Administration, communities in developing compatible skills for disasters preparedness and management.
- c) To disseminate factual information in time
- d) To develop immediate support to the affected people during the disasters
- e) To create the awareness among the people about hazards and to increase their participation in preparedness, prevention, relief, rehabilitation.
- f) To identify the areas vulnerable to major types of the hazards in the district.
- g) To adopt proactive measures at district level by all the govt. departments to prevent disaster and mitigate its effects.
- h) To define and assign the different tasks and responsibilities to stakeholders during the pre-disaster and post-disaster phases of the disaster.
- i) To enhance disaster resilience of the people in the district by way of capacity building.

- j) Reduce the loss of public and private property, especially critical facilities and infrastructure, through proper planning.
- k) Manage future development to mitigate the effect of natural hazards in the district.
- l) To develop the standardized mechanism to respond to disaster situation to manage the disaster efficiently.
- m) To prepare a response plan based upon the guidelines issued in the State Disaster Management Plan so as to provide prompt relief, rescue and search support in the disaster affected areas.
- n) To adopt disaster resilient construction mechanism in the district by way of using Information, Education and Communication for making the community aware of the need of disaster resilient future development.
- o) To make the use of media in disaster management.
- p) Rehabilitation plan of the affected people and reconstruction measures to be taken by different govt. departments at district level and local authority.

The District Disaster Management Plan (DDMP) is the guide for achieving the objective i.e. mitigation, preparedness, response and recovery. This Plan needs to be prepared to respond to disasters with sense of urgency in a planned way to minimize human, property and environmental loss.

1.3 Preparation and Approval of DDMP:

To provide for effective management of disasters, the Government of India promulgated the Disaster Management Act in December 2005. The Act defines disaster as a catastrophe, mishap, calamity or grave occurrence in any area, arising from natural or manmade causes, or by accident or negligence which results in substantial loss of life or human suffering or damage to, and destruction of property, or damage to, or degradation of environment, and is of such a nature or magnitude as to be beyond the coping capacity of the community of the affected area. The Act further defines disaster management as a continuous and integrated process of planning, organizing, coordinating, and implementing measures, which are necessary or expedient for;

1. Prevention of danger or threat of any disaster;
2. Mitigation or reduction of risk of any disaster or its severity or consequences;
3. Capacity building
4. Preparedness to deal with any disaster;
5. Prompt response to any threatening disaster situation or disaster;
6. Assessing the severity or magnitude of effects of any disaster;
7. Evacuation, rescue and relief;
8. Rehabilitation and reconstruction

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 January and to prepare the plan by the end of February 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 annually.

1.4 Evolution of DDMP: Evolution, Procedure and Methodology

The District Disaster Management Plan (DDMP) has been envisaged as a preparedness plan whereby the receipt of a signal of an impending disaster would simultaneously energise and activates the mechanism for response and mitigation without loss of crucial time. This would be entailing all the participating managers to know in advance the task assigned to them and the manner of response. Identification of available resources including manpower, material, equipment and adequate delegation of financial and administrative powers are prerequisites to the successful operation of the DDMP. The evolution of the District Disaster Management Plan (DDMP) was purely a collaborative effort. Information was collected from all line departments, which were later compiled, analysed and put up in a systematic structure. District Emergency Operation Centre functioned as the Nodal Centre for all the above activities.

The DDMP requires the disaster managers to;

- ❑ Evolve an effective signal/warning mechanism
- ❑ Identify activities and their levels
- ❑ Identify sub activities under each activity/level of activity
- ❑ Specify authorities for each level of activity and sub activity
- ❑ Determine the response time for each activity
- ❑ Workout individual plans of each specified authority to achieve activation as per the response time.
- ❑ Have quick response terms for each specified authority
- ❑ Have alternative plans and contingency measures
- ❑ Provide appropriate administrative and financial delegation to make the response mechanism functional viable
- ❑ Undergo preparedness drills.

Methodology

Lessons from previous disasters show that the best way to mitigate disasters and reduce their impact is through advance preparation and timely action. In some situations, for instance, that are caused by fire; it may even be possible to prevent disaster. Cities with large concentration of population have maximum propensity to suffer loss of life and damage to property in the event of a disaster. District disaster management plans are very much needed to minimize these losses. It was proposed to prepare a disaster management plan for Cuttack District:

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.
- Other technical institutions, community at large, local self-governments, NGOs etc. are also stakeholders of the District Disaster Management Plan.

At the District level – District Disaster Management Authority (DDMA), with the District Collector designated as Response Officer (RO), and other line departments at district HQ are responsible to deal with all phases of disaster management within the district. Other technical institutions, community at large, local self-governments, NGOs etc. are also stakeholders of the District Disaster Management Pan.

The role of the stakeholders has been prepared with the sole objective of making the concerned organizations understand their duties and responsibilities regarding disaster management at all levels and accomplishing them.

Local Authorities (including town planning authorities) have the following duties:

1. To provide assistance to the District Collector in disaster management activities.
2. To ensure training of its officers and employees and maintenance of resources so as to be readily available for use, in the event of a disaster.
3. To undertake capacity-building measures and awareness and sensitization of the community
4. To ensure that all construction projects under it conform to the standards and specifications laid down. Each department of the Government in a district shall prepare a disaster management plan for the district. The local authorities need to ensure that relief, rehabilitation and reconstruction activities in the affected area, within the district, are carried out.
5. Trust / Organizations managing Places of Worship & Congregation
 - a. Each establishment/organization identified as - critical infrastructure and key resource,
 - b. Including places of the congregation in a district shall prepare on-site and off-site
 - c. Disaster management plan. Carry out mitigation, response, relief, rehabilitation and
 - d. Reconstruction activities.

Private/ Public Sector:

1. The public/ private sector should be encouraged to ensure their active participation in the pre-disaster activities in alignment with the overall plan developed by the DDMA or the Collector.
2. They should adhere to the relevant rules regarding prevention of disasters, as may be stipulated by relevant local authorities.
3. Local community groups and voluntary agencies including NGOs normally help in prevention and mitigation activities under the overall direction and supervision of the DDMA or the Collector.
4. They should be encouraged to participate in all training activities as may be organized and should familiarize themselves with their role in disaster management.

Citizens:

- a. It is the duty of every citizen to assist the District Collector or such other person entrusted with or engaged in disaster management whenever demanded generally for the purpose of disaster management.

1.6 Plan for review and updating: Periodicity

District Disaster Management Plan for Cuttack is a public document it is neither a confidential document nor restricted to any particular section or department of administration. The underlying principle of disaster management is that it has to be part of all departments and none can fold fingers against it. The District Disaster Management Plan is the sum and substance of the Horizontal and Vertical disaster management plans in the district. Horizontal plans included plans prepared by line departments & Vertical plan includes Sub Divisional Plans, Community Plans, School/Hospital plans and all other logical units' plan at the lower level and State disaster management plans and National disaster management plans at the higher level.

Preparation of plan is the ultimate responsibility of the District Disaster Management Committee and DDMA. The District plan is to be updated biannually by the District Disaster Management Authority (DDMA). In order to update the document, all Vertical and Horizontal plans shall be

collected and incorporated to the District Plan. After each biannual up-dating of the DDMP, version number shall be given serially. A copy of the updated document shall be circulated to each stakeholder of disaster management Authority.

REGULAR UPDATION OF DDMP:

The responsibility for the coordination of the development and revision of the basic plan, annexes, appendices and implementing instructions must be assigned to the appropriate person(s).

It is recommended that a DDMP be internally reviewed on a yearly basis and either be updated or reaffirmed. The updates or reaffirmed document may also be used to summarize the accomplishments of the past year and help the administration to prioritize mitigation goals for the next year.

CHAPTER - II

2.0 District Profile

2.1 History & Location:

The district of Cuttack is named after the principal town as well as the headquarters of the district of the same name. Cuttack is derived from the Sanskrit word 'Kataka'. The word "Kataka" etymologically means military camp or a fort or a Government seat protected by an army. Early history of Cuttack is associated with the Keshari dynasty. As stated by the distinguished historian A. Stirling, present-day Cuttack was established as a military cantonment by King Nrupa Keshari of Keshari dynasty in 989 A.D.

Historical evidence suggests that Cuttack became the capital of a Kingdom founded by Ananga Bhima Deva of Ganga dynasty in 1211 A.D. The famous Barabati Fort was constructed in 1229 A.D. by the famous Ganga ruler Ananga Bhima Deva. After the end of Ganga rule, Odisha passed to the hands of the Gajapati Kings [1435-1541 A.D.] of Solar dynasty under whom Cuttack continued to be the capital of Odisha. The reference from Ain-i-Akbari clearly denotes that Cuttack was a flourishing capital city during the time of Mukunda Deva. After the death of Mukunda Deva, the last Hindu king of Odisha, Cuttack first came under Afghan occupation [Muslim rules]. The Afghans, however, were not destined to rule Odisha and they were soon ousted by the imperial Mughals. Cuttack continued to be the capital of Mughal in Odisha.

By 1750, Cuttack came under Maratha rules and it grew fast as a business centre being the convenient point of contact between the Marathas of Nagpur and the English Merchants of Bengal. It was occupied by the British in 1803 and later became the capital of Odisha division in 1816. From 1948 onwards, when the capital was shifted to Bhubaneswar, the city remained the administrative headquarters of the district. The designation of the town Cuttack (Kataka) which has a very rich and ancient historical background was, in course of time, given to the surrounding country, now comprising the district.

2.2 Administrative Setup:

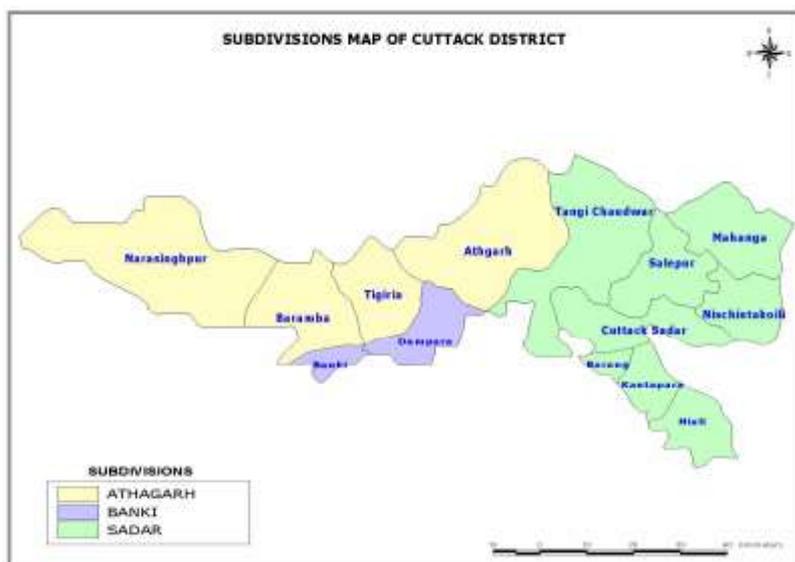
After the conquest of Orissa by the British in 1803, two Joint Commissioners were appointed who at once took measures to place the administration on satisfactory footing. The office of the "Commissioners for settling the affairs of Cuttack" was abolished in 1805. The sub divisional system was not introduced till 1859.

Sl No.	Name of the Subdivision (Headquarters)	Name of the Tahasil (year of opening)	Name of the police-station	Name of the community development block
1	Cuttack Sadar	Sadar Cuttack	Lalbag, Mangalabag, Sadar, Tangi, Choudwar, Salepur, Mahanga, Kisannagar, Tirtol, Erasama,	Cuttack Sadar Tangi- Choudwar Baranga Salipur Nischintakoili Kantapada Mahanga

				Niali
2	Athagarh	1. Athagarh (1.6.1964) 2. Tigiria (1.7.1965) 3. Badamba (25.6.1965) 4. Narasinghpur (1.12.1965)	Athagarh Gurudijhatia Tigiria Badamba Narasinghpur Kanpur	Athagarh Tigiria Badamba Narasinghpur
3	Banki	Banki (1.12.1963)	Banki Baidyeswar	Banki Banki- Dampada

Administrative Set-up

The district is mostly rural in character having 1952 villages with one municipal corporation, one municipality and two NACs. Increasing urbanization has contributed to the fast development in the district falling under fifteen Tahasils. Detail administrative set-up of the district is reflected in the following table.



Cuttack District at a Glance:

Geographical Area	3,932 square kilometres
Number of Sub-Division	3 [Sadar, Athgarh, Banki]
Number of Tahasils	15
Number of Municipal corporation	1
Number of Municipality	1 (Choudwar)
Number of N.A.C.	2 [Banki, Athagarh]
Number of C.D. Blocks	14
Number of Towns	11
Number of Post Office	355
Number of Police Stations including Mahila P.S.	50
Number of Gram Panchayats	373
No. of Inhabited Villages	1981
No. of Uninhabited Villages	96
Total Number of villages	2077
Rivers	4 nos
Length of Road Network	6565.76 kms

Source: District Statistical Handbook, Cuttack

2.3 Climate & Rain fall:

Cuttack district is located between 84 58 to 86 20 East longitude and 20 3 to 20 40 North latitude. Cuttack District is located at an altitude of about 15 meters above MSL and receives an average annual rainfall of about 1501.3 mm. Its climate is hot and humid. During the summer, the mercury rises as high as 40 Celsius while during the winter, the temperature falls as low as 10 Celsius. Summer starts at the end of March and lasts till June till monsoon sets in. Winter season starts from November and lasts till January and is characterized by chill winds from the north mid-January to mid-March is pleasant with moderate climate.

Rainfall

Rain recording stations are available in all the blocks of this district except Banki as the block office of Banki-Dompada has a rain recording station in the same headquarters. The Head Clerks of the Blocks are acting as Rain Recording Officers under the supervision of the respective Block Development Officers.

The rainfall reports from each rain recording station shall be transmitted to the District Control Room daily through Telephone/Messenger.

A statement showing monthly annual rainfall in the district from 2017 to 2025 is given in below:

Sl. No	Actual Rainfall (in mm)									
	Month	2017	2018	2019	2020	2021	2022	2023	2024	2025
1	January	0.0	0	0	8.38	0.00	40.72	0.0	14.74	0
2	February	0.0	0	36.08	55.10	0.00	15.85	0.0	1.06	22.93
3	March	47.82	0	18.71	72.93	15.55	0.00	38.85	64.53	24.64
4	April	3.62	75.28	32.74	136.32	22.32	0.00	83.28	10.61	92.72
5	May	16.74	118.50	173.69	147.74	202.12	101.23	68.13	100.76	100.09
6	June	134.25	174.83	165.18	181.03	270.52	132.69	120.83	209.5	150.11
7	July	382.49	457.98	553.12	170.14	271.20	377.62	206.43	312.01	-
8	August	301.18	302.40	389.12	635.13	264.88	393.52	283.54	420.34	-
9	September	250.06	427.43	399.11	106.60	581.33	245.91	390.03	310.31	-
10	October	222.39	270.33	301.98	228.63	93.31	189.46	100.97	101.66	-
11	November	63.78	0	10.49	1.15	56.23	0.0	6.37	10.09	-
12	December	19.78	14.71	0.00	0.00	71.82	0.0	11.66	89.39	-
	TOTAL	1475.75	1841.46	1880.22	1743.19	1849.28	1497	1310.09	1645	390.49

Temperature

There are two meteorological observatories in the district. The one at Cuttack is having sufficiently long period of data which may be taken as the representative of the climatic conditions of the district as a whole. The hilly areas of the district have slightly colder temperature during winter and hotter during summer. But in the coastal regions the climate particularly in summer is milder than in the interior. May is usually the hottest month with the mean daily maximum temperature at 38.8° C and the mean daily minimum at 26.9° C. On some days the maximum temperature rises up to about 47°C in May and June; while the mean temperature falls from 31.4°C in the hot weather months to 30.8° C in the monsoon season and to 24.7° C in February. The highest maximum temperature recorded at Cuttack was 47.7°C on the 2nd May, 1957 and the lowest minimum was 7.8° C on the 4th January, 1923.

Humidity

Relative humidity is generally high about 75 percent throughout the year. Humidity in the coastal area of the district is comparatively more than in the interior parts. The driest part of the year is the cold and summer seasons when the afternoon relative humidity ranges between 40 and 60 percent.

2.4 Geography:

Cuttack district is located between 84 58 to 86 20 East longitude and 20 3 to 20 40 North latitude. Cuttack District is located at an altitude of about 15 meters above MSL and receives an average annual rainfall of about 1501.3 mm. Its climate is hot and humid.

Geographically this district occurs mainly in the area Mahanadi Delta. The region is covered with deltaic sediments of the Mahanadi River formed in recent times. The soils occurring on very gently sloping uplands are moderately shallow to moderately deep, well drained, loamy with low AWC (Available Water Capacity). The Cuttack district comes under East and South Eastern Coastal Plain Agro Climatic Zone of Odisha.

2.5 Topography:

Cuttack district is a narrow strip of land spreading from east to west. Topographically, Cuttack has two prominent divisions i.e hilly terrain on the west and Mahanadi delta plain on the east. The highly fertile and densely populated land is criss-crossed by hundreds of rivers and rivulets. These water bodies function both as tributaries and as distributaries of the Mahanadi river system. Large portion of the land mass is low lying and gets submerged during flood. People of Cuttack largely depend upon agriculture as the primary means of livelihood.

2.6 River System:

The most conspicuous feature in the general aspect of the district is its river system. The district is webbed by a network of rivers. The system of rivers issues in three magnificent streams through three great gorges in the mountainous country to the west. To the south, the Mahanadi debouches upon the plains just above Naraj, 112 km.

The distributaries, struggling in thousand contortions and convolutions towards the coast, form a network of rivers, which joining here and separating there ultimately reunite with one or the other of the three parent rivers as they approach the sea.

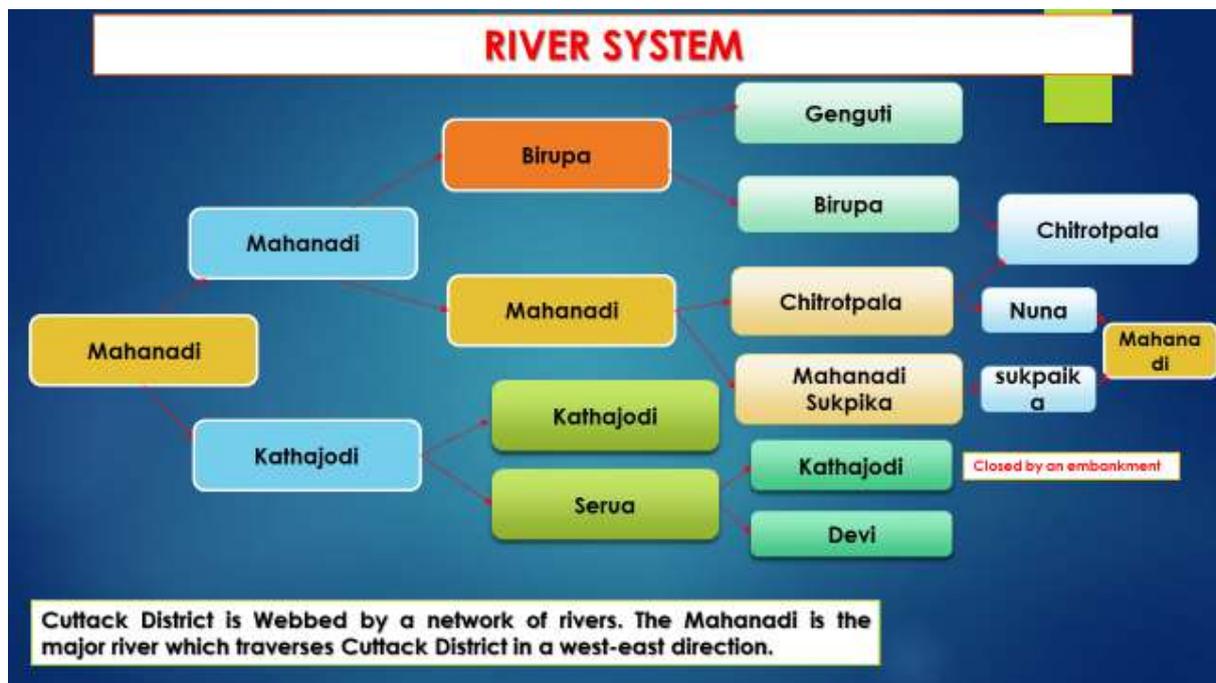
Table 02 : Major Rivers of Cuttack District

Sl. No.	Name of the River	Name of the Block likely to be affected
1	Mahanadi	Narasingapur, Badamba, Banki, Athagarh, Tigiria, Tangi-Choudwar, Salipur
2	Kathajodi	Banki, Cuttack Sadar, Niali
3	Birupa	Tangi-Choudwar
4	Kuakhai	Cuttack sadar

Sl. No.	Name of the River	Name of the Block likely to be affected
4	Anshupa Lake	Banki & Athagarh
5	Chitrotpala	Salipur
6	Devi	Cuttack Sadar
7	Sukh Paika	Cuttack sadar
8	Genguti	Cuttack Sadar
9	Nuna	Mahanga,
10	Serua/ Biluakhai	Cuttack Sadar

The Mahanadi is the major river which traverses Cuttack District in an east-west direction.

Rivers originating from the Mahanadi Delta:



2.7 Demography:

Households and its distribution:

Sl. No	Total Number of Families/HH	Category		Category				Category	
		Rural	Urban	SC	ST	OBC	GEN	BPL	APL
1	579170	1936672	687798	498633	93745	2032092	NA	NA	NA

Population and its composition:

Sl. No	Population			SC		ST		OBC	
	T	M	F	M	F	M	F	M	F
1	2624470	1352760	1271710	254456	244177	47437	46308	NA	NA

- Population density of the district and decadal growth of population- Religion wise distribution of Population:

Sl. No.	Total Population	Category				
		Hindu	Muslim	Christian	Sikh	Others
1	2624470	2457729	141263	11985	1026	12467

Age Group

Sl. No.	Total Population	0-4 years	5-14 years	15-59 years	60 years and above
1	2624470	190662	444397	1701547	278680

Sex Ratio:

1	Sex Ratio (Females per 1000 males):	940
2	Sex Ration (0-6 Years):	914

Literacy Rate:

	Total	Male	Female
Literacy Rate	85.5	91.1	79.55

2.8 Socio-Economic profile:

Workforce participation

The labour force participation rate is the measure to evaluate working-age population in an economy. The participation rate refers to the total number of people or individuals who are currently employed or in search of a job. People who are not looking for a job such as full-time students, homemakers, individuals above the age of 64 etc. will not be a part of the data set. People who are not interested in working or getting some sort of employment are not included in the participation rate, but to understand the unemployment data better, participation rate is considered carefully. An ageing population may have a negative impact on any economy. That is when the labour participation rate comes into the picture. If the rate is on the higher side, it is a good sign. But if it is on the lower side, it can also act as a warning sign for any economy. For that reason, participation rate as well as unemployment data should be looked into simultaneously to understand the overall employment status in the economy.

Workforce Participation Details of Cuttack Dist. as per Census 2011				
Sl. No.	Category	Male	Female	Total
1	Workers	761876	174489	936365
2	Main Workers	615670	80604	696274
3	Marginal Workers	146206	93885	240091
4	Non- Workers	590884	1097221	1688105

2.9 Critical infrastructure

Infrastructures	Numbers
No. of AWCs	3317
No. of Schools	4707
No. of Hospitals	443

Infrastructures	Numbers
No. of Veterinary Hospitals	27
Police Stations	38
Fire Stations	19
Cooperative Societies	17
Banks	195
Post Offices	355
Identified Safe Shelters	536
Flood Shelters (MFS)	25
Cyclone Shelters (MCS)	4
Rain Gauge Stations	17
Automatic Weather Station	13

2.10 Storage Facility with Capacity

The following places are identified to store the food stuff before the onset of monsoon:

DETAILS OF STORAGE DEPOT

Sl. No.	Name of depot	Storage capacity	Blocks tagged
1	CWC, Cuttack	10000	Cuttack sadar
2	PEG, Salipur	25000	Nischintakoili, salipur, mahanga
3	Own Godown, Jagatpur	30000	CMC
4	OSWC, Banki	10000	Banki, domapada, banki NAC
5	OSWC, Jagatpur	40000	Tangi, choudwar mpl
6	RMC, Jatamundia	20000	Athagarh NAC, athagarh, baramba, narsinghpur, tigeria
7	RRC, Brahmanjharilo	15000	Kantapada, niali, baranga
	Total	150000	18 units

DETAILS OF NFSA

Sl No	Block	No. of FPS OUTLETS	TOTAL NFSA HOUSEHOLD (PHH + AAY)	TOTALNFSA BENEFICIARIES (PHH+ AAY)	Total NFSA Allotment in Quintal		
					Rice	Wheat	Raagi
1	ATHAGARH NAC	4	2927	9130	584.25	0	
2	ATHGARH	51	31138	109983	6106.95	0	
3	BANKI	61	25483	87799	4972.85	0	
4	BANKI NAC	8	2905	9610	570	0	
5	BARAMBA	57	35929	116839	6821.15	0	
6	BARANGA	40	18649	66787	3608.6	0	
7	CHOUDWAR MPL	17	6485	23040	1224.9	0	
8	CUTTACK MC	157	73973	245010	13626.9	0	
9	CUTTACK SADAR	67	30427	108719	5824	0	
10	DOMPARA	60	21796	75237	4197.75	0	
11	KANTAPARA	33	17720	66369	3659.3	0	

Sl No	Block	No. of FPS OUTLETS	TOTAL NFSA HOUSEHOLD (PHH + AAY)	TOTALNFSA BENEFICIARIES (PHH+ AAY)	Total NFSA Allotment in Quintal		
					Rice	Wheat	Raagi
12	MAHANGA	62	41035	145733	7993.7	0	
13	NARSINGHPUR	56	34215	123784	7047.35	0	
14	NIALI	71	29106	108084	5986.2	0	
15	NISCHINTAKOILI	79	43530	151347	8220.7	0	
16	SALIPUR	64	40194	147028	7922.85	0	
17	TANGI	47	31557	116459	6345.95	0	
18	TIGIRIA	24	14822	54159	3055.25	0	
	Total	958	501891	1765117	97768.65	0	

Banks and Post Offices

Sl. No	Block	Banks				No. of ATMs	Post Offices
		Commercial Banks	RRBs	Cooperative Banks	Other Banks		
1	ATHAGARH	9	4	1	2		33
2	BANKI	6	4	3	0		25
3	BARAMBA	8	2	2	0		25
4	BARANGA	10	2	0	1		24
5	CUTTACK SADAR	16	7	1	0		89
6	DAMPADA	5	2	1	0		8
7	KANTAPARA	7	2	0	0		13
8	MAHANGA	10	2	1	1		17
9	NARSINGHPUR	9	3	2	0		27
10	NIALI	8	5	1	0		18
11	NISCHINTAKOILI	15	5	1	2		15
12	SALIPUR	11	4	1	3		24
13	TANGI CHOUDWAR	20	4	1	1		23
14	TIGIRIA	4	1	2	0		10
	Cuttack Dist Total	138	47	17	10	579	355

2.11 Vulnerable profile of the District

Road and Railway network

Cuttack district is having 196.01 (km) State Highway, 132.22 (km) Major District Roads and 402.14 (km) Other District Roads (ODR). Thus, Transport sector comprises of Rural Roads, Roads and Bridges and Cement Concrete Road. The District has 115.45 kms of rail network having 18 railway stations, 63.55 km National and 196.01 km State highways. Our vision of the district by 2012-17 is to having a well-developed network of roads and other transportation means, with adequate capacity to handle the growth in transport demand. The

volume of road traffic will multiply more than two fold in coming years which will be supported by good road networks.

Sl. No	Infrastructure	Quality Norm (in Kms.)	Actual Status
1	NH		63.55
2	State Highway		196.01
3	Major district roads	All season usability	132.22
4	Other district roads	All season usability	402.14
5	Rural road		1463.28
6	GP roads		3010
7	Forest Road		204.45
8	Panchayat Samiti Road		1265
9	Railway Route length		115.45
10	No Railway Station & PH		18

Cyclone and Flood Shelters:

Sl. No.	Type	Total Shelters
1.	Identified Safe Shelters	536
2.	Multi-Purpose Cyclone shelters constructed by OSDMA	25
3.	New MCS	4
	Total	565

Identified Safe Shelters:

Sl. No	Name of the Block	No. of School-Cum-Cyclone Shelter
1.	Cuttack Sadar	90
2.	Tangi-Choudwar	40
3.	Salipur	51
4.	Mahanga	36
5.	Nischintkoili	82
6.	Baranga	28
7.	Niali	64
8.	Kantapada	14
9.	Athagarh	33
10.	Tigiria	33
11.	Baramba	08
12.	Narsinghpur	20
13.	Banki	17
14.	Dompada	20
	Total	536

Multi-Purpose Cyclone shelters constructed by OSDMA:

SI No	Name of the Blocks	No of MCS/MFS
1.	Cuttack sadar	1
2.	Tangi Choudwar	1
3.	Athagarh	2

SI No	Name of the Blocks	No of MCS/MFS
4.	Tigiria	3
5.	Baramba	3
6.	Narasinghpur	1
7.	Niali	4
8.	Kantapada	1
9.	N.Koili	3
10.	Banki	3
11.	Dampada	2
12.	Mahanga	1
Total		25

New MCS:

SI No	Name of the Blocks	No of MCS/MFS
1.	Kantapara	1
2.	Tangi Choudwar	1
3.	Baranga	1
4.	Tigiria	1
TOTAL		4

2.12 Rain gauge and Automatic Weather Stations

There are 14 rain gauge instruments installed in Cuttack district. One in at Collectors Res Office, and other 13 are installed in all block headquarter except Banki block.

Sl. No	Location of rain gauge	Present Status	Remarks
1.	Cuttack Sadar, Block Hqrs	Functional	
2.	Baranga, Block Hqrs	Functional	
3.	Kantapada Block Hqrs	Functional	
4.	Niali , Block Hqrs	Functional	
5.	Banki, Block Hqrs	Not Fitted	
6.	Tangi-Choudwar, Block Hqrs	Functional	
7.	Salipur, Block Hqrs	Functional	
8.	Mahanga, Block Hqrs	Functional	
9.	Nischintakoili, Block Hqrs	Functional	
10.	Athagarh, Block Hqrs	Functional	
11.	Tigiria, Block Hqrs	Functional	
12.	Baramba, Block Hqrs	Functional	
13.	Narsinghpur, Block Hqrs	Functional	
14.	Sahid Bhawan	Functional	
15.	Bikash Bhawan	Functional	
16.	CDA Sec 6	Functional	
17.	OMP Square	Functional	

Automatic Weather Stations: Cuttack District

Sl No	Block	Block Office/ Other Govt. building	Open space 5M X 5M (Yes/No)	Electricity Connection (Yes/No)	Boundary Wall (Yes/No)	Watch & Ward facility (Yes/No)	Mobile network (BSNL/ JIO/ Airtel)	Coordinates (Lat/ Long)	Remarks
1	2	4	5	7	8	9	10	11	12
1	Tigiria	Block Office	Yes	Yes	Yes	Yes	Yes	20.467428/ 527357	
2	Nischintak oili	Block Office	Yes	Yes	Yes	Yes	JIO/AIRTEL	20.48 / 86.17	
3	Narasingh pur	Block Office	Yes	Yes	Yes	Yes	JIO/AIRTEL/ BSNL	20.457173 / 85.076377	
4	Baranga	Block Office	Yes	Yes	Yes	Yes	YES	20.416752/ 85.829015	
5	Salipur	Block Office	Yes	Yes	Yes	Yes	Bsnl	20.478554/ 86.10454	
6	Cuttack Sadar	Block Office	Yes	Yes	Yes	Yes	Yes	20.455533/ 85.917577	
7	Banki-Dampada	Block Office	Yes	Yes	Yes	Yes	Yes	20.36 /85.51	
8	Mahanga	Block Office	Yes	Yes	Yes	Yes	Yes	20.502586/ 86.1319579	
9	Kantapada	Block Office	Yes	Yes	Yes	Yes	Yes	20.251022/ 85.9819	
10	Badamba	Block office	Yes	yes	yes	yes	yes	20.417983/ 85.350217	
11	Niali	Block office	Yes	yes	yes	yes	yes	20.130897/ 86.06236	
12	Banki	Block Office	Yes	Yes	Yes	Yes	Jio/Airtel/BS NL	20.379848/ 85.532737	
13	Athagarh	Block Office	Yes	Yes	Yes	Yes	BSNL (OSWAN)	20.51.9783/ 85.629515	

CHAPTER- III

3.0 Hazard, Risk and Vulnerability Assessment

3.1 Major Disasters/ Incidents during 2006-2025

A brief profile of major disasters/ incidents occurred in the district (2006 to 2025):

Sl. No.	Disaster/ Incident	No. of incidents	No. of Deaths	Affected Population	Lives stock 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	2006	2	446697	12	-	-	-	-	-	-
2	Flood	2007	-	-	-	-	-	-	-	-	-
3	Flood	2008	20	7,78,868	6343	-	-	-	-	-	-
4	Flash Flood	2009	3	26736	-	-	-	-	-	-	-
5	Flood	2011	4	584470	864	12489	-	-	-	-	32212.12
6	Flood	2014	1	522796	-	361	-	-	-	-	3014.317
		2019	4								118309
		2022	0	92892	3601	1718	-	-	-	-	34859
7	Drought	2013	-	-	-	-	-	-	-	-	-
8	Drought	2015	-	-	-	-	-	-	-	-	72554
9	HailStorm	-	-	-	-	-	-	-	-	-	-
10	Phailin	2013	-	231675	148	29511	-	-	-	-	83439.63
11	Hud Hud	2014	-	-	-	-	-	-	-	-	-
	Titili	2018	-	-	-	-	-	-	-	-	-
	FANI	2019	6	2447071	1080221	120724	974	-	-	-	21649.8
12	Earth Quake	-	-	-	-	-	-	-	-	-	-
13	Tsunami	-	-	-	-	-	-	-	-	-	-
14	Landslide	-	-	-	-	-	-	-	-	-	-
15	Avalanche	-	-	-	-	-	-	-	-	-	-
16	Cloud Burst	-	-	-	-	-	-	-	-	-	-
17	Pest Attack	-	-	-	-	-	-	-	-	-	-
18	Cold Wave/ Frost	-	-	-	-	-	-	-	-	-	-
State Specific Disasters as per Notification No.1936 Dt. 01.06.2015											
19	Lightning	2006	32	-	-	-	-	-	-	-	-
		2007	30	-	-	-	-	-	-	-	-
		2008	18	-	-	-	-	-	-	-	-
		2012	15	-	-	-	-	-	-	-	-
		2013	-	-	53	-	-	-	-	-	-
		2015	-	-	3	-	-	-	-	-	-
		2016	-	-	46	-	-	-	-	-	-
		2017	22	-	-	-	-	-	-	-	-
		2018	7	-	-	-	-	-	-	-	-
		2019	12	-	-	-	-	-	-	-	-
		2020	9	-	-	-	-	-	-	-	-
2021	17	-	-	-	-	-	-	-	-		

Sl. No.	Disaster/ Incident	No. of incidents	No. of Deaths	Affected Population	Lives tock Loss	Houses Damag ed	Damage to Infrastructure				Damage and loss of Crop Area (in Hectares)
							School/ AWC Buildin gs	Hos pital s	Roa d in Km .	Other Critical Infrastruct ure	
		2022	11	-	-	-	-	-	-	-	-
		2023	16	-	-	-	-	-	-	-	-
		2024	12								
		2025	3								
20	Heat wave	2005	11	-	-	-	-	-	-	-	-
		2007	6	-	-	-	-	-	-	-	-
		2017	3	-	-	-	-	-	-	-	-
		2018	2	-	-	-	-	-	-	-	-
		2019	6	-	-	-	-	-	-	-	-
		2020	2	-	-	-	-	-	-	-	-
		2022	1	-	-	-	-	-	-	-	-
		2023	3	-	-	-	-	-	-	-	-
		2024									
		2025									
21	Whirlwind	2015	1	-	-	-	-	-	-	-	-
22	Tornado	-	-	-	-	-	-	-	-	-	-
23	Heavy Rain	-	-	-	-	-	-	-	-	-	-
24	Boat Accidents	2021	1	-	-	-	-	-	-	-	-
25	Drownin g	2006-2015	22	-	-	-	-	-	-	-	-
		2017	16	-	-	-	-	-	-	-	-
		2018	13	-	-	-	-	-	-	-	-
		2019	32	-	-	-	-	-	-	-	-
		2020	24	-	-	-	-	-	-	-	-
		2021	56	-	-	-	-	-	-	-	-
		2022	97	-	-	-	-	-	-	-	-
		2023	104	-	-	-	-	-	-	-	-
		2024	116								
		2025	35								
26	Snake Bite	2006-2015	36	-	-	-	-	-	-	-	-
		2017	23	-	-	-	-	-	-	-	-
		2018	19	-	-	-	-	-	-	-	-
		2019	27	-	-	-	-	-	-	-	-
		2020	4	-	-	-	-	-	-	-	-
		2021	36	-	-	-	-	-	-	-	-
		2022	68	-	-	-	-	-	-	-	-
		2023	89	-	-	-	-	-	-	-	-
		2024	96								
		2025	6								
Other Disasters											
27	Animal Menace	-	-	-	-	-	-	-	-	-	-
28	Building Collapse	-	-	-	-	-	-	-	-	-	-
29	Stamped e	-	-	-	-	-	-	-	-	-	-
30	Epidemic s	-	-	-	-	-	-	-	-	-	-
31	Industrial	-	-	-	-	-	-	-	-	-	-

Sl. No.	Disaster/ Incident	No. of incidents	No. of Deaths	Affected Population	Lives tock Loss	Houses Damag ed	Damage to Infrastructure				Damage and loss of Crop Area (in Hectares)
							School/ AWC Buildin gs	Hospit als	Roa d in Km .	Other Critical Infrastru cture	
	/ Chemical Accident s										
32	Road Accident s	2018	11	-	-	-	-	-	-	-	-
33	Railway Accident s	2018	1	-	-	-	-	-	-	-	-
34	Hooch Incidents	-	-	-	-	-	-	-	-	-	-
35	Communal Riot	-	-	-	-	-	-	-	-	-	-
36	Dam Break/ Spillway related flood.	-	-	-	-	-	-	-	-	-	-
37	Soil/ Coastal erosion	-	-	-	-	-	-	-	-	-	-
38	Fire Accident	2018	3	-	-	-	-	-	-	-	-
		2019	1	-	-	-	-	-	-	-	-
		2020	2	-	-	-	-	-	-	-	-
		2021	3	-	-	-	-	-	-	-	-
		2022	15	-	-	-	-	-	-	-	-
		2023	11	-	-	-	-	-	-	-	-
		2024	6								
		2025	3								

3.2 Major Disasters/ Incidents during 2022 to 2025:

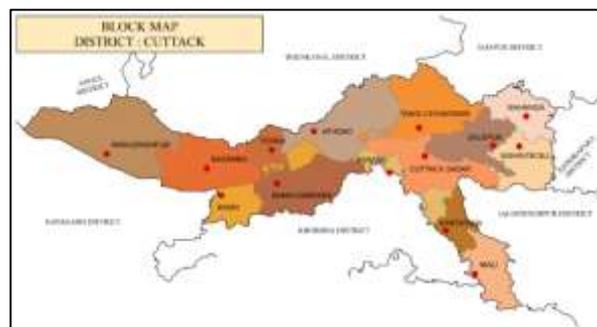
Sl. No.	Disaster/ Incident	No. of incidents	No. of Deaths	Affected Population	Livestock Loss	Houses Damag ed	Damage to Infrastructure				Damage and loss of Crop Area (in Hectares)
							AWC/ School Buildin gs	Hospit als	Road in Km	Other Critical Infrastru cture	
1	Drowning	122	122	24	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2	SnakeBite	70	70	4	Nil	Nil	Nil	Nil	Nil	Nil	Nil
3	Lightening	38	38	9	Nil	Nil	Nil	Nil	Nil	Nil	Nil
4	COVID 19	NA	1839	All	Nil	Nil	Nil	Nil	Nil	Nil	Nil
5	Flood	NA	NA		Nil	Nil	Nil	Nil	Nil	Nil	Nil

3.3 Vulnerability and Risk Assessment related to disasters:

3.3.1 Cyclone:

All Blocks of Cuttack District are vulnerable to cyclone areas of the district.

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



Electrical Infrastructure and cyclone Vulnerability:

Sl No	Name of the Block / ULB	No. of Grid Station	No. of 33/11 KV S/s	No. of Distributing Transformers			Conductor / Electrical lines-11KV or less (length in Kms.)	No. of Poles	No. of High Tension Towers	High Tension lines above 11KV (length in Kms.)
				11KV or Less	11KV <and <60KV V	60KV and above				
1	Cuttack Sadar	0	3	243	0	0	439.32	10292	0	37.33
2	CMC	2	13	1323			11KV 198.56 Ckm LT - 640Ckm	11KV - 4964 LT- 19201	60	70.5
3	Kantapada	1	3	437	12	0	313.7	4750	0	21
4	Niali	0	1	720	4	0	732.5	8984	0	12
5	Tangi Choudwar	1	3	538	38	0	698.4	7866	0	36.21
6	Salipur				185	0	132	820		4
7	N.Koili				229	0	145	790		3
8	Mahanga				172	0	118	805		3
9	Narsinghpur	1	2	180	0	0	382	7609	0	35
10	Badamba		1	220	0	0	421	8352	0	15
11	Tigiria		2	60	0	0	163	3201	0	5
12	Athagarh	1	5	210	0	0	368	7298	0	35
13	Banki	1	2	94	2		55.00	917	18	19.00
14	Banki-Dampada		2	411	22		173.60	2896	47	66.40

Drinking water facility in the Cyclone prone areas:

Sl. No.	Name of the Block/ ULB	Total No. of Tube Wells	No. of Tube Wells with raised platforms	No. 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.	Cuttack Sadar	1409	57		41	123000	13	820	
2.	Baranga	923	15	2	27	81000	10	540	
3.	Kantapada	863	47		24	72000	3	480	
4.	Niali	1575	64		39	117000	8	780	
5.	Banki-1	1196	165	18	21	63000	12	420	
6.	Dampara	980	122	2	21	63000	4	420	
7.	Tangi-Choudwar	1412	16		40	120000	6	800	
8.	Athagarh	1399	67	Nil	74	2,47,412	3	997	

Sl. No.	Name of the Block/ ULB	Total No. of Tube Wells	No. of Tube Wells with raised platforms	No. Sanitary Wells	PWS Schemes				Other Drinking Water Sources If any
					Total No.	Length in Mtrs.	No. of Over Head tanks	No. of Stand Points	
9.	Tigiria	695	44	Nil	23	73,845	7	578	
10.	Baramba	1392	75	Nil	37	1,66,585	3	648	
11.	Narsinghpur	1589	68	Nil	42	1,93,222	6	767	
12.	Salipur	2842	40		40	120000	8	800	
13.	Mahanga	2695	113		42	126000	14	840	
14.	Nischintakoili	3752	68		38	114000	8	760	
15.	CMC	2807	00	0	00				
16.	CMC-PHD	567	60	0	00				
17.	Athagarh NAC	156	80	0	00				
18.	Banki NAC	130	00	0	00				
19.	Choudwar Municipality	359	140	0	00				
	Grand Total	26741	1241	22	509				

3.3.2 Flood:

Details of Weak & Vulnerable points of Cuttack District for 2022-25 are as follows;

Sl No	Name of the Division	Name of the Block	Name of the Weak River Embankments	Location of the vulnerable points
1	Nil	Nil	Nil	Nil

Flood vulnerable areas of the district in general:

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	Athagarh	14	67	144670	48006	31361	NA	NA	NA	NA
2	Tigiria	5	22	74639	14691	16519	NA	NA	NA	NA
3	Badamba	16	31	149793	37184	35641	NA	NA	NA	NA
4	Narasinghpur	23	80	157201	53504	36127	NA	NA	NA	NA
5	Banki	18	99	115402	57997	26673	NA	NA	NA	NA
6	Dampada	16	43	98894	26657	22714	NA	NA	NA	NA
7	Cuttack Sadar	5	9	141693	57356	30668	NA	NA	NA	NA
8	Tangi Choudwar	5	11	157801	52734	32785	NA	NA	NA	NA
9	Salepur	2	4	193938	33417	44942	NA	NA	NA	NA
10	Mahanga	15	58	186930	69148	44326	NA	NA	NA	NA
11	Nischinta Koili	13	29	188599	67229	44377	NA	NA	NA	NA
12	Niali	2	8	147135	79941	33191	NA	NA	NA	NA
13	Banki NAC	1	17	17521		3698	NA	NA	NA	NA
14	Kantapada	2	9	89514	25337	20074	NA	NA	NA	NA

Causing agent wise flood vulnerable areas of the district:

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, Birupa, Chitrotpala	12 Blocks	134 GP	474 Villages	667831	NA	NA	NA	NA	NA	NA
2	Kathajodi	2 Blocks	6 GP	23 Village	32902	NA	NA	NA	NA	NA	NA
3	Flash Flood	9 Blocks	66 GP	258 Village	522796	NA	NA	NA	NA	NA	NA

Agriculture and Flood Vulnerability:

Sl. No.	Name of the Block	Cultivated area (Fig. in Ha)			Area sustainable to flood (Fig. in Ha)		
		Paddy	Non-Paddy	Total	Paddy	Non Paddy	Total
1	Cuttack sadar	9770	1869	11639	2155	0	2155
2	Barang	6720	1098	7818	950	0	950
3	Kantapada	5520	2285	7805	0	0	0
4	Niali	10390	3610	14000	850	0	850
5	Tangi choudwar	14320	5743	20063	1150	0	1150
6	Salipur	13380	3060	16440	0	0	0
7	N.Koili	12790	991	13781	0	0	0
8	Mahanga	11420	2674	14094	0	0	0
9	Athagarh	13150	6816	19966	1285	0	1285
10	Tigiria	4130	2459	6589	1850	0	1850
11	Badamba	7520	5773	13293	2250	30	2280
12	Narsinghpur	12200	7433	19633	4500	100	4600
13	Banki-I	7390	3564	10954	3800	150	3950
14	Banki-Dampada	7300	4775	12075	6700	120	6820
District Total:		136000	52150	188150	25490	400	25890

3.4 Events/ Festivals/ Functions organized mass gathering:

Sl. No.	Name of the Event/ Festival/ Function	Place (Block & Gram Panchayat)	Duration of the event (in No. of days)	Month as per English calenda	Strength of population gathering (Approx.)	Remarks (other vulnerabilities associated with the place/ event, if any to the mentioned)
1	Odisha Day	Cuttack Sadar	One Day	1 st April	5,000	
2	Car Festival	Cuttack Sadar	Nine Days	June/July	10,000	Stampede
3	Independence Day	Cuttack Sadar	One Day	15 th August	10,000	
4	Durga Puja	Cuttack Sadar		October	2,00,000	Stampede
5	Bada Osha	Cuttack Sadar	5 Days	November	13,00,000	River & stampede
6	Baliyatra	Cuttack Sadar	8 Days	November	18,00,000	Stampede
7	Republic Day	Cuttack Sadar	One Day	26 th January	10,000	
8	Mahasivaratri	Athagarh	One Day	February	1,00,000	River

3.5 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	Sadar	Ghantikhal	Mahanadi, Kuakhia, Kathajodi	GP-2 V-2	NA	0	17
2	Athagarh	Dhurukudia, Balarampur, Suniamuhan, Barahampur, Campapur, Karakamal, Sasanga, Kumarpur	Mahanadi	GP-15 V-71	NA	5	29
3	Narasinghpur	Siloti Baliput Sanagaon Chakraprasad Kathakhunta Ekadal Padamal Desa	Mahanadi	GP-2 V-6	NA	0	14
4	Banki	Nua Ostia Ratagarh Manipur Bilitentulia Pathapur Kurumchani Sampur	Mahanadi	GP-8 V-19	NA	2	07
5	Baramba	Bangarisingha, Gopinathpur, Bhttarika Gobardhanpur	Mahanadi	GP-11 V-11	NA	0	21
6	Niali	Kalakha Parimal	Devi, Devikandala	GP-23 V-127	NA	5	10
7	Nishintkoili	Asureswar Palada Sadhaknagar Nagaspur	Chhitrotpala, River Nuna	GP-14 V-14	NA	3	06
8	Kantapada	Kula Brahmansailo Ghat Adaspur	River Devi	GP-19 V-81	NA	3	18
9	Dompada	Karabara Muraripur Rana Bridge	Mahanadi	GP-2 V-6	NA	0	02
10	Tangi-Choudwar	Jaripada Nalikula Kayalpada Chasapada	Birupa Mahanadi	GP-4 V-4	NA	2	02
11	Mahanga	Kuhunda Jasarajpur Ghata Tribeniswar Jasarajpur Dharmadaspur Basudevpur	Gobari, Badagenguti	GP-14 V-18	NA	3	00

Deployment of Boats at Strategic Points

A total of 25 Nos. of Power Boats are presently there in the district and they are deployed at the following strategic places.

Name of the location	No. of Power Boats available	Name of the Boat
Tangi-Choudwar Block	2	FRP-116 & 117
Niali Block	3	FRP-49, AL-54 & 55
Kantapada Block	2	FRP-24 & 31
Mahanga Block	4	FRP-32,113 & 114, Steel Boat
Nischintkoili Block	3	AL-10, FRP-118 & 119
Banki Block	2	AL- 5 & 6
Dompada Block	3	FRP-59 & 60
Athagarh Block	4	FRP-30,AL-61 & 62, Steel Boat
Tigiria Block	2	FRP-85 & 120
Total	25	

The Block-wise availability & requirement of Country Boats is given below:

Sl. No	Name of the Block	Availability of Country Boats	Requirement of Country Boats
1	Cuttack Sadar	00	14
2	Tangi-Choudwar	14	06
3	Niali	00	30
4	Kantapada	01	07
5	Mahanga	00	02
6	Nischintakoili	06	00
7	Banki	17	15
8	Dompada	15	37
9	Athagarh	28	14
10	Tigiria	00	10
11	Salipur	02	06
12	Narsinghpur	44	00
	Total:-	127	141

3.6 Lightning:

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. GPs	No. of Villages/ Wards			
1	Athagarh	NA	11	11	11	0
2	Salepur	NA	5	5	5	0
3	Tigiria	NA	2	2	2	0
4	Baramba	NA	1	1	2	2
5	Narasinghpur	NA	4	4	4	0
6	Tangi Choudwar	NA	8	8	8	0
7	Baranga	NA	1	1	1	0
8	Banki	NA	3	3	3	0
9	Dompada	NA	2	2	2	0

10	Niali	NA	2	2	2	0
11	Cuttack Sadar	NA	4	4	4	0
12	Nischintakoili	NA	1	1	1	0

3.7 Major Industrial Establishments:

Sl. No.	Name & location of the Industry/ Storage point	Department/ Owners hip	Name of hazardous materials stored	Quantity	Total no. of workers in the establishment	No. of adjacent Village s/ Habitati ons within 2 Kms. radius	Susceptible Populat ion	Hou se	Vulnerable Infrastructure		
									School Buildi ngs & AWC	Hospit als	The Criti cal Infra .
1	M/s. SMV Beverages , At/ P.O- Jagatpur, Dist- Cuttack.	Director Factory Broilers & Industrie s	Ammonia.	1000 Ltrs.	NA	NA	NA	NA	Yes	Yes	
2	M/s. Rams Assorted Cold Storage Limited. Telengapi ntha, Dist- Cuttack.	Director Factory Broilers & Industrie s	Ammonia	1670 Ltrs.	NA	NA	NA	NA	Yes	Yes	
3	M/s. Health Food Products At/ P.O- Jagatpur, Dist- Cuttack.	Director Factory Broilers & Industrie s	Ammonia	300 Ltrs.	NA	NA	NA	NA	Yes	Yes	
4	M/s. Pragati Milk Product At/P.O- New I.E, Jagatpur, Cuttack.	Director Factory Broilers & Industrie s	Ammonia	600 Ltrs.	NA	NA	NA	NA	Yes	Yes	
5	M/s. Pragati Milk Product At/P.O- Nishintak oili, Cuttack.	Director Factory Broilers & Industrie s	Ammonia	400 Ltrs.	NA	NA	NA	NA	Yes	Yes	

Sl. No.	Name & location of the Industry/ Storage point	Department/ Owners hip	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		
									School Buildings & AWC	Hospitals	The Critical Infra.
6	M/s. Co-Opeative Cold Storage, At/ P.O- Jagatpur, Cuttack.	Director Factory Broilers & Industries	Ammonia.	500Ltrs	NA	NA	NA	NA	Yes	Yes	
7	M/s. Jaiguru Cold Storage At/P.O- Jagatpur, Cuttack.	Director Factory Broilers & Industries	Ammonia	500 Ltrs.	NA	NA	NA	NA	Yes	Yes	
8	M/s. Jagannath Cold Storage At/P.O- Nischintakoili, Cuttack.	Director Factory Broilers & Industries	Ammonia	600 Ltrs.	NA	NA	NA	NA	Yes	Yes	
9	M/s. Shakti Freezing At/P.o- Salipur Dist- Cuttack.	Director Factory Broilers & Industries	Ammonia	400 Ltrs.	NA	NA	NA	NA	Yes	Yes	
10	M/s. Suvochem Industries I.E, Jagatpur, Cuttack.	Director Factory Broilers & Industries	Chlorine	Max. Storage - 8 tonnes of capacity 900	NA	NA	NA	NA	Yes	Yes	
11	M/s. CosBoard Industries I.E, Cuttack.	Director Factory Broilers & Industries	Chlorine	Max. Storage 6 tonnes or capacity 900 ltrs each	NA	NA	NA	NA	Yes	Yes	
12	M/s. Rajashree Chlorochem I.E,	Director Factory Broilers & Industries	Chlorine	Max. Storage - 6 tonnes of	NA	NA	NA	NA	Yes	Yes	

Sl. No.	Name & location of the Industry/ Storage point	Department/ Owners hip	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		
									School Buildings & AWC	Hospitals	The Critical Infra.
	Jagatpur, Cuttack.	s		capacity 900 ltrs each.							
13	M/s. Paradeep Oxygen, New, I.E, Jagatpur, Cuttack.	Director Factory Broilers & Industries	Acetylene	150 No's of cylinder of capacity 5.5 cubic meter	NA	NA	NA	NA	Yes	Yes	
14	M/s. Manishree Refractories Madhupatana Ind. State	Director Factory Broilers & Industries	Poducer Gas.		NA	NA	NA	NA	Yes	Yes	
15	M/s. IMFA Ltd., (Unit-I) At/P.O-Choudwar, Cuttack	Director Factory Broilers & Industries	LDO, TRANSFORMER OIL, LIQUID OXYGEN		NA	NA	NA	NA	Yes	Yes	
16	M/s. IMFA Ltd.,(Unit-II) At/P.o-Choudwar, cuttack.	Director Factory Broilers & Industries	LDO,LIQUID OXYGEN, TRANSFORMER OIL, CO		NA	NA	NA	NA	Yes	Yes	
17	M/s. IMFA Ltd., (Unit-III) At/P.O-Choudwar, Cuttack	Director Factory Broilers & Industries	LDO, HSD, TRANSFORMER OIL, CO,HCL		NA	NA	NA	NA	Yes	Yes	
18	M/s. Aarti Steels ltd., At-Ghnatikhal, P.O-Mahakalbastha,	Director Factory Broilers & Industries	LDO,LIQUID OXYGEN, TRANSFORMER OIL,		NA	NA	NA	NA	Yes	Yes	
19	M/s. T.S Alloys Ltd., At-Anantapur, Cuttack.	Director Factory Broilers & Industries	LDO. TRANSFORMER OIL, HCL, LIQUID OXYGEN		NA	NA	NA	NA	Yes	Yes	
20	M/s.	Director	LDO,		NA	NA	NA	NA	Yes	Yes	

Sl. No.	Name & location of the Industry/ Storage point	Department/ Owners hip	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		
									School Buildings & AWC	Hospitals	The Critical Infra.
	Bhubaneswar Power (P) Ltd., Anantapur, Cuttack.	Factory Broilers & Industries	TRANSFORMER OIL, HCL								

3.8 Drought:

Sl.No	Name of the Block	Annual R.F. on MM	Ground water level	Cultivated area (Figure in Hect)					
				Paddy			Non-Paddy		
				Rainfed	Irrigated	Total	Rainfed	Irrigated	Total
1	2	3	4	5	6	7	8	9	10
1	Cuttack sadar	1424.3	20ft -25ft	157	9613	9770	1185	1405	2590
2	Barang	1424.3	20ft -25ft	2158	4562	6720	1481	1054	2535
3	Kantapada	1424.3	20ft -25ft	112	5408	5520	703	1747	2450
4	Niali	1424.3	20ft -25ft	505	9885	10390	846	3639	4485
5	Tangi choudwar	1424.3	20ft -25ft	6734	7586	14320	1145	1993	3138
6	Salipur	1424.3	20ft -25ft	830	12550	13380	1620	2300	3920
7	N.Koili	1424.3	20ft -25ft	2280	10510	12790	232	2388	2620
8	Mahanga	1424.3	20ft -25ft	587	10833	11420	273	3183	3456
9	Athagarh	1424.3	20ft -25ft	7325	5825	13150	2927	2618	5545
10	Tigiria	1424.3	20ft -25ft	2962	1168	4130	1725	700	2425
11	Badamba	1424.3	20ft -25ft	3933	3587	7520	1574	3796	5370
12	Narsinghpur	1424.3	20ft -25ft	7146	5054	12200	3761	2244	6005
13	Banki-I	1424.3	20ft -25ft	5497	1893	7390	1379	1587	2966
14	Banki-II	1424.3	20ft -25ft	5031	2269	7300	2422	2223	4645
Total		1424.3		45257	90743	136000	21273	30877	52150

Drought Vulnerability:

Sl. No.	Name of the Block	Year- 2016 -2025				Year-2015			
		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
1	Sadar	Not Affected				NA	NA	NA	NA
2	Athagarh					29	193	12770	NA
3	Narasinghpur					33	233	4446	NA
4	Banki					18	87	7390	NA
5	Baramba					36	138	31508	NA
6	Niali					NA	NA	NA	NA

7	Nishintkoili	NA	NA	NA	NA
8	Salipur	NA	NA	NA	NA
9	Kantapada	NA	NA	NA	NA
10	Tigiria	10	50	9108	NA
11	Dompada	10	23	4627	NA
12	Baranga	NA	NA	NA	NA
13	Tangi-Choudwar	13	75	2695	NA
14	Mahanga	NA	NA	NA	NA

3.9 Drinking Water Crisis:

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	Cuttack Sadar	0	0	0	0	0	0	0
2	Baranga	0	0	5	2250	0	0	4
3	Kantapada	0	0	0	0	0	0	1
4	Niali	0	0	0	0	0	0	23
5	Banki-I	0	0	11	4460	0	0	00
6	Banki-II	0	0	15	6080	0	0	00
7	Tangi-Cdr	0	0	15	7120	0	0	24
8	Salipur	0	0	0	0	0	0	69
9	Mahanga	0	0	0	0	0	0	04
10	Nischintakoili	0	0	0	0	0	0	34
11	Athagarh	0	0	38	28400	0	0	0
12	Baramba	0	0	5	4000	0	0	0
13	Narsinghpur	0	0	32	19200	0	0	0
14	Tigiria	0	0	0	0	0	0	0

3.10 Railway Line Exposed to different Hazards:

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

3.11 Road Accidents:

Vulnerable Points of Cuttack District:

Name of the Road	Kms	Name of the Black spots
NH-16 Phulnakhara to Govindpur	25	1. Phulnakhara
		2. Bamphakuda
		3. Pratapnagari
		4. Gopalpur
		5. Sikharpur
		6. Manguli
		Pasupatigada
		8. Bainchua to Gonindpur
NH-55 Manguli to Radhakrushnapur	29	1. OTM Bazar
		2. Dhumabati Chhak
		3. Kapursingh
OMP chhak to Kandarpur	15	1. CRRI
		2. Gatroutpatna
		3. Nahabhanga
SH-9(A) Jagatpur to Sukarpada	35	1. Khaira Bridge
		2. Paga
		3. Kharakhia
		4. Bhatapada
		5. Nandolagada
		6. Kulia
		7. Katarpada
SH-60 Phulnakhara to Niali , Jalarpur	35.5	1. Adaspur
		2. Bairoi
		3. Ichhapur
		4. Barahipur
		5. Kaliaghai
SH-65 Raj Athagarh to Narasinghpur	80	1. Gopinathpur
		2. Ankula
		3. Ansupa
		4. Darsanpur
		5. Jenapada
		6. Panchagaon
		7. Bindhanima
		8. Sunapal
		9. Champeswar
		10. Karilo chhak to Petrol pump
ODR Mundali to Athagarh	17	1. Baunsadanda chhak
		2. Megha Jungle
		3. Betakholi

Name of the Road	Kms	Name of the Black spots
SH-12 Kandarpur to Siul	12	4. Dhaipur
		5. Kantol
		6. Karikol
		7. Dahisara
		1. Kamarpada
NH – 5 Cuttack to Jagatpur	10	2. Ramkumarpur
		3. Somepur
		4. Gadama
		5. Siuli
		1. Mahanadi bridge

3.12 Population Requiring Special Care:

Sl. No	Block/ ULB	No. of HHs headed by Women	No. of HHs headed by PWD	No. of Persons With Disability		No. of Widows	No. of Children		No. of Orphans		No. of Aged Persons (60 and above)		No. of Pregnant and lactating mothers
				M	F		0-5 Years	6-14 Years	M	F	M	F	
1	Athagarh	4583	1973	1361	795	6717	11700	17998	40	26	11264	10813	2271
2	Banki	96	1951	1115	836	1413	7491	13458	32	38	8337	5558	1431
3	Badamba	2829	2214	1572	642	36	7940	100	21	28	148	106	1445
4	Baranga	25	89	24	18	2	10560	96	19	17	4455	3263	2149
5	Cuttack	1150	1314	476	316	1150	5967	12400	19	22	78121	3372	1120
6	Dampada	22137	1428	625	535	2363	34206	10244	43	43	4506	3785	6542
7	Kantapada	19869	12138	1264	898	962	5286	0	8	9	6310	3390	886
8	Mahanga	74529	2400	1793	607	4433	12317	17320	8	7	11136	7320	2218
9	Narasinghpur	2528	1829	935	791	4041	10743	15250	29	21	6922	6348	1980
10	Niali	72929	2500	1900	950	3350	9733	10484	17	13	7454	5121	1658
11	Nischintak oili	30155	407	1222	1223	3033	11238	6312	13	14	8825	8816	1966
12	Salepur	2039	1797	1074	902	1807	14158	12047	17	18	10925	9322	2543
13	Tangi Choudwar	NA	1395	1052	590	27	14032	NA	56	39	56	44	2463
14	Tigiria	3303	1194	813	381	2146	5373	6425	12	11	12905	11337	1076

3.13 Hazard Calander:

Type of Hazards	Jan-Mar				April-June				July-Sep				Oct-Dec			
	H	C	A	I	H	C	A	I	H	C	A	I	H	C	A	I
Flood																
Cyclone																
Earthquake																
Heatstroke																
Drought																
Hailstorm																

CHAPTER – IV

4.0 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 forests, finance (expenditure), health, power, rural development, science and technology, space, telecommunication, urban development, water resources and chief of the integrated defence staff of the chief of staffs are other 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. The Hon'ble Chief Ministers of the state is the Chairpersons (*ex-officio*) of SDMA 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 floods, 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 vide 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. The Department of Revenue is the administrative department of OSDMA vide Revenue Department Resolution No.39373/R dated 26th August 2000. Subsequently, the name of the Authority was changed from *Odisha State Disaster Mitigation Authority* to *Odisha State Disaster Management Authority* vide Revenue & Disaster Management Department Resolution No. 42317/R&DM dated 27th September, 2008.

The Authority has the mandate not only to take up the mitigation activities but also the relief, restoration, reconstruction and other measures. These activities cover the entire gamut of disaster management including preparedness activities and also include:

- Coordination with the line departments involved in reconstruction,
- Coordination with bilateral and multi-lateral aid agencies,
- Coordination with UN Agencies, International, National and State-level NGOs,
- Networking with similar and relevant organizations for disaster management.

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.

The Function of the SLCNC is -:

- a) To advise the State Government regarding precautionary measures to be taken in respect of flood, drought and other natural calamities.
- b) To assess the situations arising out of the calamities.
- c) To recommend to Government the nature and quantum of relief; and
- d) To recommend to Government the Policy to be adopted in giving such relief in areas affected by such calamities.

4.9 District Disaster Management Authority (DDMA)

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.

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*

- c) The Chief Executive of the District Authority, *ex-officio*;
- d) The Superintendent of Police, *ex-officio*;
- e) The Chief Medical Officer of the district, *ex officio*;
- f) Not exceeding two other district level officers, to be appointed by the State Government

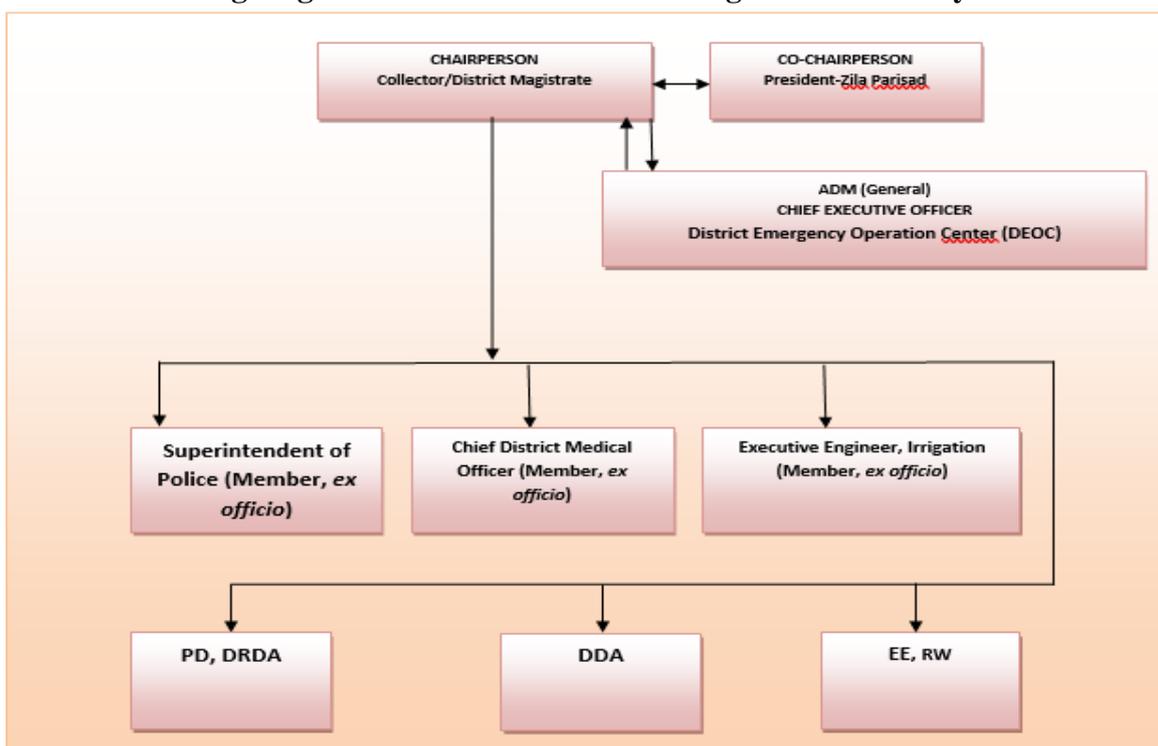
The State Government appoints an officer not below the rank of Additional Collector or Additional District Magistrate or Additional Deputy Commissioner, as the case may be of the District to be Chief Executive Officer of DDMA.

4.10 Structure of District Disaster Management Authority

Sl. No.	Name of the Officer	Designation	Position in DDMA	Contact No.
1.	Sri Dattatraya Bhausahab Shinde, IAS	Collector & District Magistrate	Chairperson , EX-Officio	8456928587

Sl. No.	Name of the Officer	Designation	Position in DDMA	Contact No.
2.	Kishor Chandra Mishra	Chairman, Zilla Parishad	Co-Chairperson, Ex-Officio	7008898571
3.	Sri Prateek Singh, IPS	Superintendent of Police	Member, EX-Officio	9937176777
4.	Prasant Nayak, OAS	CDO-Cum-EO, Zilla Parishad	Member	8917206951
5.	Dr. Dibyalochan Mohanta	Additional District Magistrate (Revenue)	Chief Executive Officer, EX-Officio	9777896481
6.	Dr. P.K.HOTA	Chief District Medical Officer	Member, EX-Officio	9439990009
7.	Sushanta Munna	Executive Engineer, Irrigation, Khordha (I/c)	Member, EX-Officio	8658189977
8.	Er Raghunath Swain	Senior Executive Engineer, Irrigation, Prachi Division (I/c)	Member, EX-Officio	9439189021
9.	Sidhant Sekhar	Executive Engineer, Mahanadi South Div.	Member, EX-Officio	8763594078
10.	Niranjan Nayak	Executive Engineer, Lift Irrigation, Cuttack	Member, EX-Officio	9438371017
11.	Ashok Sahoo	Executive Engineer, Rural Development	Member	9437255338/ 8249160005
12.	Rajashree Behera	CDAO, Cuttack	Member	9437721648

Organogram of District Disaster Management Authority



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.

The District Disaster Management Authority (DDMA) shall-:

- 01) Prepare Disaster Management Plan including District Response Plan of the District.
- 02) Coordinate and Monitor the implementation of the National DM Policy, State DM Policy, State DM Plan and District DM Plan.
- 03) Ensure that vulnerable areas of the districts are identified and prevention and mitigation measures are being undertaken by the departments of the Government both at district level and at local level.
- 04) Ensure that guidelines for Prevention and Mitigation measures, Preparedness and Response as lay down by NDMA and SDMA are being followed by all departments of Government both at district and local level.
- 05) Monitor the implementation of Disaster Management Plans prepared by the departments of the Government at the district levels.
- 06) Lay down guidelines to be followed by different Government departments both at district level and local level for integrating disaster prevention and mitigation measures in their development plans and projects and provides necessary technical assistance therefor;
- 07) Review the state of capability for responding to any disaster or threatening disaster like situation in the district and give directions to the relevant departments or authorities at the district level for their up gradation.
- 08) Review the preparedness measures and give directions to the concerned departments at the district level for bringing the preparedness measures to the levels required for responding effectively to any disaster.
- 09) Organize, coordinate and facilitate specialized training Programs and awareness Programs for different level of officers, employees, voluntary rescue workers and community members for prevention and mitigation of disaster with support of governmental and non-governmental organization and local authorities.
- 10) Set up, maintain, review and upgrade mechanism for early warning and dissemination of proper information to public.
- 11) Review development plans prepared by the departments of the government at the district level, statutory authorities with a view to make necessary provisions therein for prevention of disaster or mitigation.
- 12) Examine construction in any area in the district an ensure standards for prevention of disaster or mitigation laid down for such construction to be followed by the concerned departments and authorities.
- 13) Identify buildings and places which could be used as relief centers or camps in the event of any disaster or disaster like situation and make arrangements for water supply and sanitation in such buildings and places.
- 14) Establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at short notice;
- 15) Encourage the involvement of Non-Government Organization and Voluntary social – welfare institutions working at the grass root level in the district for disaster management.

- 16) Ensure communication systems are in order and disaster management drills are carried out periodically.
- 17) Perform such other functions as the State Government or State Authority may assign to.

Specific task assigned to members of DDMA by the Chairperson

Collector and District Magistrate:

- Overall supervision of preparedness and response activities
- Monitoring the activities at different level and departments

Superintended of Police:

- Ensure 24*7 Control Room Operation
- Ensure the law and order situation in the district at the time of emergency.
- Ensure necessary protection for the supply of relief materials.

CDO-cum-EO-Zilla Parishad, Cuttack: (PD-DRDA)

- Ensure 24*7 control room operation at different blocks
- Ensure all the block staff will be in readiness
- Ensure timely preparedness and response activities at the block level
- Ensure and monitor timely evacuation if required from the low lying areas

CDMO:

- CDMO ensure the necessary medical arrangement at the Dist. / PHC / CHC level.
- Ensure that necessary medicines with anti snake venoms are piled at different health units.
- Mobile health unit needs to be in readiness.

Executive Engineer, Irrigation (Cuttack-I &II, Jagatsinghpur, Kendrapara, Khordha & Prachi):

- Ensure the status of weak embankments and safe guarding of the same
- Liaison with the Deputy Collector and report the status of the embankments
- Stock piling of the flood fighting materials
- Preparation of flood contingency plan
- Monitoring the control room and close watch on the situation

Chief District Agriculture Officer:

- Flood contingency planning and monitoring
- Drought management planning
- Capacity building of the farmers as and when required for alternative cropping

Executive Engineer, RW:

- Ensure safe drinking water supply at the water scarcity areas
- Ensure development works in rural areas
- Ensure restoration of roads aftermath of the flood in the flood prone areas

4.11 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

Priority Contact Number of DDMA, Cuttack

SL. No.	Name	Designation	Mobile No
1	Sri Dattatraya Bhausaheb Shinde, IAS	Collector, Cuttack	8456928587
2	Sj.Sarada Prasad Pradhan	MLA Mahanga	9437038205
3	Sj.Prakash Chandra Sethi	MLA Sadar Cuttack	8978262973
4	Kishor Chandra Mishra	President Zila Parisad	7008898571
5	Sj. Bhatruhari Mahatab	M.P. Cuttack	9868180308
6	Sj. Bibhu Prasad Tarai	M.P Jagatsinghpur	9437570319 / 9013180319
7	Sj. Ranendra Pratap Swain	MLA Athagarh	9437051340
8	Sj. Devi Ranjan Tripathy	MLA Banki	9861231839
9	Sj. Souvic Biswal	MLA Choudwar-Cuttack	9437225423
10	Sj.Chabbi Malik	MLA Niali	9437003729
11	Sj.Prasant Behera	MLA Salipur	9437228283
12	Sj Bijaya Kumar Dalabehera	MLA Badamba	9178142559
13	Sri Shibo Toppo	ADM (GEN)	9437222160
14	Dr. Dibyalochan Mohanta	ADM (REV)	9437230451
15	Dr.Ipsita Priyadarshini Mishra OAS(S)	ADM (DEV)	
16	Sri Dibyajyoti Smruti Ranjan Deo, OAS (SB)	Sub-Collector, Sadar, Cuttack	8895287057
17	Sri Prahlad Narayan Sharma, IAS.	Sub-Collector, Athagarh	6377234368
18	Pranab Kumar Behera	Sub-Collector, Banki	9437651602
19	Sri Anam Charan Patra, OAS (SS)	Commissioner CMC	7077775555
20	Soumya	EO Choudwar Municipality	8895102054
21	Sampad Kumar Swain	E.O NAC Banki	7873432379
22	Balaya Dehury	E.O NAC Athagarh	9110255197
23	Prasant Nayak,OAS	CDO-Cum-EO, Zilla Parishad Cuttack	8917206951
24	Shri Sanjay kumar Samanta, OAS (S)	PD DUDA	9439361945
25	Dr. P.K.HOTA	CDMO Cuttack	9439990009
26	Prof Dr Goutam Satpathy	Superintendent SCB Medical College	8512830995

SL. No.	Name	Designation	Mobile No
27	Dr. Satyabrata Mohapatra	City Health Officer-CMC	9437027115
28	Dr. Sushant Nayak	CDVO, Cuttack	8895332440
29	Sri Prateek Singh, IPS	SP, Cuttack	9937176777
30	Sri Khilari Rishikesh Dnyandeo, IPS	DCP, Cuttack	0671-2300570
31	PK Pradhan, SI	Commandat, ODRAF, 6th B.N	8144895974
32	Shri Nagender Sharma	Commandat, NDRF	9437581614
33	Biranchi Narayan Adhikari	District / Regional Transport Officer	9437489089
34	Dr.Santosh Kumar Rout	District Educational Officer	8018087556
35	Nalini Kanta Sahoo	District Culture Officer	7008334141
36	Pritibandha Ghadai	District Labour Officer	8763160562
37	Anil Kumar Ray IFS, CTC	District Forest Officer Cuttack	9437007611
38	Geeta Acharya	District Panchayatraj Officer	8249368942
39	Tarun kanta Mohanty	General Manager DIC	9556105499
40	Sudhansu Sekhar Sahoo	Asst Director factories and Boilers I	9776779055
41	Chandrakant Dalei	Asst Director factories and Boilers II	9437167924
42	Bibhu Prasana Acharaya	CDSO, Cuttack	9437156020
43	Rasmita Priyadarshini	RO-SPCB	7008841815
44	Biswanath	CDAO, Cuttack	8917282857
45	Sandul Rama Rao	Deputy Director Horticulture Officer	7008359265
46	Babita Mahanta	District Fisher Officer	9337407102
47	Ashish Nayak	E.E.R&B Cuttack -I Division	9437415890
48	Jyoti Ranjan Pati	E.E.R&B Cuttack-II Division	9090356129
49	Er.Rakesh Kumar Rout	NH Division Cuttack	9437297580
50	Nabakishor Samal	S.E. PHD - Cutack Div.	9439263644
51	Abhimanyu Das	E.E. RWSS-I	9583045957
52	Sachin Mishra	E.E. RWSS-II	7077517819
53	Sidhant Sekhar	E.E.Mahanadi (South)	8763594078
54	Sandeep Ku.	E.E.Mahanadi(North)	6370402300

SL. No.	Name	Designation	Mobile No
55	Chandra Sekhar Sethy	S.E. Barrage	9437232342
56	Er Raghunath Swain	EE Irrigation Prachi Division	9439189021
57	Sushanta Munna	EE Irrigation Khurda Division	8658189977
58	Sourav Sahoo	E.E. Drainage Divn	9078069936
59	Niranjan Nayak	E.E. Lift Irrigation	9438371017
60	Sudhakar Naik	E.E. R.D- I	9437255339
61	Abhisek Swain	E.E. R.D- II	6370402300
62	Sri Debasis Pattanaik	GM TPCODL	9437073722
63	Aswini kumal samal	AGM BSNL	9437022000
64	Sanjiv Kumar Behera	Asst. Fire Office Cuttack	9437373856/700827748 1
65	Dilip Kumar Rout	Asst. Fire Office Athagarh	9827340676
66	Sujaya Ku Pati	District Emergency Officer	8908188168
67	Bapi Bishwajit Sahoo	DPO-OSDMA	8763050065
68	Puspanjali Parida	District Social Welfare Officer	9437146798
69	Madhusmita Mohapatra	District Welfare Officer	9437124408
70	Manoj Kumar Rath	District Social Security Officer	9438016579
71	Pragati Mohanty	District Child Protection Officer	9853246528
72	Purna Chandra Otta	Deputy Director Planning	8249856968
73	Pratik Kumar Sahoo	BDO, Cuttack Sadar	9438794248
74	Soumya Biswal	BDO, Tangi-Chaoudwar	9438262649
75		BDO, Salipur	
76		BDO, Mahanga	
77	Dibyendu Kumar Das	BDO, Nischintakoili	8249827394
78	Swagat Das	BDO, Baranga	9438677726
79	Dharma ranjan Panda	BDO, Niali	9439068310
80	Swapnita Nayak	BDO, Kantapada	7848971890
81	Akash Panda	BDO, Athagarh	9439887800
82	Manaswini Das	BDO, Tigiria	8249737644
83	Dr. Chitaranjan Das	BDO, Badamba	9439488479
84	Pralayananda Satapathy	BDO, Narasinghpur	9439226100
85	Sangram Keshari Bhal	BDO, Banki	8847859651
86	Anshuman Dash	BDO, Banki-Dompada	9439100056
87	Debadutta Pradhan	Tdr, Cuttack-Sadar	8144811189
88	Choudhury Pragyan Nanda Das	Tdr, Tangi-Choudwar	7205839795

SL. No.	Name	Designation	Mobile No
89	Jayant Kumar Jaysingh	Tdr, Salipur	9556084672
90	Subasish Palta	Tdr, Mahanga	8917615484
91	Anita Nayak	Tdr. Nischintakoili	9437133143
92	Tusarjyoti Ranjan	Tdr, Baranga	7077564696
93	Tarini Ranjan Ray	Tdr, Niali	9437260563
94	Prasana Kumar Samantray	Tdr, Kantapada	7008112969
95	Kunja Bihari Badajena	Tdr, Athagarh	9438034934
96	Akshay Kumar Parida	Tdr, Tigiria	9437115557
97	Saswat Ranjan Dash	Tdr, Badamba	9938688208
98		Tdr, Narasinghpur	
99	Asheshkumar Nayak	Tdr, Banki	8328853658
100	Baisakhi Lenka	Tdr, Dompada	7751838882
101	Kshirod Kumar Dash	Tdr, Kishanagar	8847895455

District Level Natural Calamities Committee on used to sit once in a year to review the preparedness activities taken up at different level by different line departments under the chairmanship of the Collector and District Magistrate. In the DLNCC forum different departments used to present their preparedness level, status of stock, alertness at grass root level, planning and the required budget to face any sort of natural exigencies. All the members present used to raise area specific issues or gaps if any in the house so that adequate attention could be given to those issues.

The usual agenda for the DLCNC meeting is:

- Preparation of flood contingency plan of all line Departments.
- Control Room functioning
- Rain Recording and timely reporting
- Joint verification of weak embankments and repairing of the same
- Identification of cyclone and flood shelters
- Deployment of boats at different vulnerable places
- Functioning of telephone lines
- Cleaning of drainage to avoid water logging
- Stock piling of medicines and dry foods inaccessible pockets
- Steps taken in flood areas for agriculture
- Health measures
- Veterinary measures
- Deputation of higher officials at the flood circles
- Coordination among the offices
- Cooperation of NGOs
- Deployment of NDRF / ODRAF Teams

The above review cum discussion aware all the departments about everyone's preparedness level to minimize the losses due to upcoming cyclone and flood.

**Heat Wave:
District Task Force, Health**

Sl No	Name of the Block & ULBs	Name of the Medical	Name of the Medical Officer	Mobile No
1	Athagarh	CHC Berhampur	Dr. Dilip Kumar Das	7008985893
2	Badamba	CHC Maniabandha	Dr. Udayajyoti mallick	9439990401
3	Banki	CHC Subarnapur	Dr.Amaresh Sahoo	9437080487
4	Banki Dompada	CHC Dompada	Dr.Pushpalata Mohapatra	9439990458
5	Baranga	CHC MAHIDHARPADA	DR.SUVASH CHANDRA GOCHHAYAT	9439371116
6	Cuttack Sadar	CHC BENTKAR	DR PRASANTA KUMAR SAMAL	9938058163
7	Kantapada	CHC Adaspur	Dr Aliva Abhivakti Das	7064665486
8	Mahanga	CHC Mahanga	Dr.Tanusmita bindhani	9040861746
9	Narasinghpur	CHC KANPUR	DR. DEBASIS JETHY	7750910524
10	Niali	CHC NIALI	DR SAMINANI NAVEEN	9938881986
11	Nischintakoli	CHC NISCHINTAKOILI	DR.AMIT KUMAR JENA	9439990300
12	Salepur	CHC SALIPUR	DR.BIJAY KUMAR PRADHAN	9938199101
13	Tangi-Choudwar	CHC TANGI	DR. MADHUSMITA NAYAK	9439994575
14	Tigiria	CHC BINDHANIMA	DR.MANORAJAN PANDA	9439063769
15	Cuttack Municipal Corporation	UCHC CHAULIAGANJ/ UCHC CDA	DR. KANTI NAYAK/ DR. P K MALLICK	9437666452/9437205474
16	Athagarh NAC	SDH ATHGARH	DR. BIJAYA KUMAR MISRA	9439994802
17	Banki NAC	SDH BANKI	DR.MRUTYUNJAY MOHAPATRA	9439994807

The District Health Task Force is solely responsible to attend the emergency heat stress disorder patients as and when required. Similarly the following are the control rooms opened at the Block CHCs to tackle the heat wave situation at the block level

Contact No and Email Address of all Officers under the Administrative control of CDM & PHO Cuttack

Sl No.	Block/ ULB	Name of the DHH/CHC/ PHC	Name of the Superintendent -cum- Medical Officer/ Medical Officer	Mobile No.	Office E-mail ID
1	CUTTACK SADAR	BENTKAR CHC	DR PRASANT KUMAR SAMAL	9938058163	bpmubentkar2024@gmail.com
2	CUTTACK SADAR	KANDARPUR PHC N	DR AKRUTI JENA	6371396552	kandarpur.phchwc@gmail.com
3	CUTTACK SADAR	KISHORNAGAR PHC N	DR BAINJU MARANDI	9937485973	phckishornagar@gmail.com
4	CUTTACK SADAR	ARADA PHC N	DR SURYA MOHANTY	7008162618	phcarada@gmail.com
5	CUTTACK SADAR	SUBHADRAPUR PHC N	DR S NIRALI	8260954861	phcsubhadrapur@gmail.com
6	CUTTACK SADAR	TELENGAPENTHA PHC N	DR SWATITAPA CHOUDHARY	9439995067	phctelengapentha@gmail.com
7	NARASING HPUR	CHC, Kanpur	Dr. Debasis Jethy MO I/C,CHC KANPUR	7750910542	bpmukanpur2020@gmail.com
8	NARASING HPUR	CHC, Narasinghpur	Dr. Prakash Chandra Mishra (Superintendent, CHC, Narasinghpur)	9437278665	monarasinghpur@gmail.com
9	NARASING HPUR	CHC, Jodum	Dr. Chandrakanta Jena (Medical Officer, CHC, Jodum)	7077217587	mochcjodum@gmail.com
10	NARASING HPUR	Ekdal PHC	Dr. Dipali Minz (MO , Ekdal PHC HWC)	7873868335	bpmukanpur2020@gmail.com
11	NARASING HPUR	Sagar PHC	Dr. Sanatan Behera (MO AYUSH, Sagar PHC HWC)	7328877560	bpmukanpur2020@gmail.com
12	NARASING HPUR	Debabhuin PHC	Dr. Pratir Bagh (MO Debabhuin PHC HWC)	8895604479	bpmukanpur2020@gmail.com
13	KANTAPADA	CHC ADASPUR	DR ASHISA RANJAN PRUSTY	9938462302	chcadaspur@gmail.com
14	KANTAPADA	PHC GOBINDPUR	DR DIPTIMAYEE PANDA(AYUSH MO)	9439062732	chcadaspur@gmail.com
15	KANTAPADA	PHC BADABIL	DR KISHORE CHANDRA PARHI	8595513287	chcadaspur@gmail.com
16	SALIPUR	SALIPUR CHC	DR BIJAY KU PRADHAN	9938199101	bpmusalipur@gmail.com
17	SALIPUR	TENTOL PHC	DR ARADHANA SAHOO	9337596678	tentol.phchwc@gmail.com
18	SALIPUR	PADMAPUR PHC	VACANT		padmapur.phchwc@gmail.com
19	SALIPUR	RAMESWAR PHC	DR SACHIDANANDA	63711306	rameswar.phchwc@gmail.com

Sl No.	Block/ ULB	Name of the DHH/CHC/ PHC	Name of the Superintendent -cum- Medical Officer/ Medical Officer	Mobile No.	Office E-mail ID
			SAHOO	24	ail.com
20	SALIPUR	KUNDIPADIA PHC	DR LOPAMUDRA TRIPATHY	9938563885	kundipadia.phchwc@gmail.com
21	SALIPUR	RAISUNGUDA PHC	VACANT		raisunguda.phchwc@gmail.com
22	ATHAGAR H	CHC BERHAMPUR	Dr. Dilip Kumar Das	7008985893	bpmuberhampur@gmail.com
23	ATHAGAR H	KHUNTUNI PHC	Dibya Jyoti Sitha	8327769948	bpmuberhampur@gmail.com
24	ATHAGAR H	JENAPADA PHC	Preeti Suman Swain	8926279198	bpmuberhampur@gmail.com
25	ATHAGAR H	JORANDA PHC	Dr. Sidharth Behera	7008961185	bpmuberhampur@gmail.com
26	ATHAGAR H	GURUDIJHATIA PHC	Dr. Jasaswini Panda (AYUSH MO)	9437317698	bpmuberhampur@gmail.com
27	ATHAGAR H	JAGIAPADA PHC	Dr. Biswamohini Mohanty (AYUSH MO)	9348635601	bpmuberhampur@gmail.com
28	BANKI	CHC Subarnapur	Dr.Amaresh saho	9437080487	bpmsubarnpur@gmail.com
29	BANKI	Baideswar PHC N	Dr.Vineet Agrawala	9040816634	baideswarphc@gmail.com
30	BANKI	Kalapathar PHC N	Dr.Kaneez fatema (AYUSH MO)	9439990253	phcnewkpr@gmail.com
31	BANKI	Baraput PHC N	DR.BIRANCHI NARAYAN SATPATHY(AYUSH MO)	9348925320	baraputphc@gmail.com
32	BANKI	Brahmapura PHC N	DR.SOUMYA MOHAPATRA	9439699100	brahmapurahwc2020@gmail.com
33	BARANGA	CHC Mahidharpada	DR.SUVASH CHANDRA GOCHHAYAT	9439371116	CHC.MAHIDHARPADA@GAMAIL.COM
34	BARANGA	PHC N Korkora	Dr.Badrinarayan Padhy	9439995400	korkora.phchwc@gmail.com
35	BARANGA	PHC N Baranga	Dr. Meenakshi Marandi	9438652987	baranga.phchwc@gmail.com
36	BARANGA	PHC(N) Mundali	Dr. Arpita priyadarsini	7008926902	munduli.phchwc@gmail.com
37	BADAMBA	Badamba CHC	Dr. Dologobinda Jena	9937939406	areahospitalbaramba@gmail.com
38	BADAMBA	Bangarsingha PHC	NA		NA
39	BADAMBA	GOPITANTHPUR PHC	Dr. SUNIL KUMAR SAHOO	9938391011	sunilsahuscb@gmail.com
40	BADAMBA	KHAIRAMODA PHC	Dr.SOUBHYAGYA MANJARI (AYUSH MO)	7847867826	manjarisubha@gmail.com
41	BADAMBA	MANIABANDHA CHC	Dr. Udayjoti Mallick	9439020164	bpmumaniabandh@gmail.com

SI No.	Block/ ULB	Name of the DHH/CHC/ PHC	Name of the Superintendent -cum- Medical Officer/ Medical Officer	Mobile No.	Office E-mail ID
42	TANGI CHOUDWAR	TANGI CHC	DR. MADHUSMITA NAYAK	943995475	bpmutangi@gmail.com
43	TANGI CHOUDWAR	BHAGATPUR PHC	DR. SAROJINI ROURAY	9668792561	bhagatpur.phchwc@gmail.com
44	TANGI CHOUDWAR	BHATIMUNDA PHC	Vacant		bhatimunda.phchwc@gmail.com
45	TANGI CHOUDWAR	KAYALAPADA PHC	DR. ARPITA PRIYADARSANI	9437221845	kayalpada.phchwc@gmail.com
46	TANGI CHOUDWAR	MANGARAJPUR PHC	Vacant		mangarajpur.phchwc@gmail.com
47	TANGI CHOUDWAR	SANITOTA PHC	Vacant		sanitota.phchwc@gmail.com
48	TANGI CHOUDWAR	SAFA PHC	DR. STUTEE DAS	7008654509	safa.phchwc@gmail.com
49	TANGI CHOUDWAR	KAPALASWAR UPHC	Dr Rabindra Ku Mohapatra	9778010839	kapaleswar1@gmail.com
50	Mahanga	Mahanga CHC	Dr.Tanmaya Ku Behera	9438331331	bpmumahanga@gmail.com
51	Mahanga	Jagannathpur CHC	Dr.Soumya Ranjan Swain	9438384801	bpmumahanga@gmail.com
52	Mahanga	Erakana PHC(N)	Dr.Jnanaranjan Nayak	9861316125	bpmumahanga@gmail.com
53	Mahanga	Bhadreswar PHC(N)	Dr.Bikash Kumar Behera	8917272454	bpmumahanga@gmail.com
54	Mahanga	Nadiasahaspur PHC(N)	Dr.Tanmaya Ku Behera	9438331331	bpmumahanga@gmail.com
55	Mahanga	Nurtang PHC(N)	Dr.Gyana Ranjan Behera	8328951153	bpmumahanga@gmail.com
56	Mahanga	Srikrishnapur PHC(N)	Dr.Aditya Prasad Mishra	9861992997	bpmumahanga@gmail.com
57	Mahanga	Samsarpur PHC(N)	Dr.Om Prakash Khuntia	7008526870	bpmumahanga@gmail.com
58	Mahanga	Basudevpur PHC(N)	Dr.Deepak Induar	8917687302	bpmumahanga@gmail.com
59	NIALI	CHC NIALI	DR SAMINANI NAVEEN	9938881986	bpmuniali@gmail.com
60	NIALI	KRUSHNA PRASAD PHC(N)	DR DEBESH KU ROUT	9861257718	krushnaprasadphc@gmail.com
61	NIALI	BADAROGAON PHC(N)	DR SAGAR HEMBRAM	8178765839	hwchpcbadargaon@gmail.com
62	NIALI	PAHANGA PHC(N)	DR SOUMYA	89088848	hwchpcpahanga@gmail.com

Sl No.	Block/ ULB	Name of the DHH/CHC/ PHC	Name of the Superintendent -cum- Medical Officer/ Medical Officer	Mobile No.	Office E-mail ID
			RANJAN SENAPATI	89	l.com
63	NIALI	KASARDA PHC(N)	DR BIKRAM SAHOO	9437313050	hwcpckasarda@gmail.com
64	TIGIRIA	CHC BINDHANIMA	DR MANORANJAN PANDA .	9439063769	bpmubindhanima@gmail.com
65	TIGIRIA	CHC TIGIRIA	DR LIPSA BISOI	9078155279	tigiriabpmu@gmail.com
66	TIGIRIA	ACHALAKOTA PHC	VACANT		achalkot.phchwc@gmail.com
67	TIGIRIA	NUAPATANA PHC	DR SATYA NARAYAN PATTNAIK	9178365007	nuapatana.phchwc@gmail.com
68	TIGIRIA	VIRUDA PHC	DR. POONAM TOSH	7735567629	viruda.phchwc@gmail.com
69	TIGIRIA	BADANAUPUT PHC	VACANT		badanauput.phchwc@gmail.com
70	Dompada	CHC Dompada	Dr.Pushpalata Mohapatra	9439990458	bpmudompadachc@gmail.com
71	Dompada	Talabasta PHC	Dr.Sumitra Sahoo	9437668523	talabastahwc123@gmail.com
72	Dompada	Tulasipur PHC	Dr.Paurnamasi Panda	9439142777	tulasipur.phchwc@gmail.com
73	NISCHINT AKOILI	CHC NISCHINTAKOILI	DR.AMIT KU JENA	9439990300	bpmunischintakoili2021@gmail.com
74	NISCHINT AKOILI	ASURESWAR PHC	DR.RAJASHREE PRADHAN	7978572845	pradhanrajashree43@gmail.com
75	NISCHINT AKOILI	HANDBHANGA PHC	DR.ABHIJIT DANDPAT	7008481101	abhijitkumardandapat@gmail.com
76	NISCHINT AKOILI	NAGASPUR PHC	DR.AJANTA MOHANTY	9439989964	mohantyajanta7@gmail.com
77	NISCHINT AKOILI	SANTAPUR PHC	DR.PRIYA RANJAN PATI	9439869573	doctor.priyaranjan.pati@gmail.com
78	NISCHINT AKOILI	ORTI PHC	PRANAB PRAKASH BISWAL	9439430726	drpranabkishore@gmail.com
79	URBAN CMC	BIDANASHI UPHC	DR. SOUMYA PRASAD SAHOO	8093111648	bidanashiuphc@gmail.com
80	URBAN CMC	UCHC CDA	DR. KANTI NAIK	9437666452	cdauchc1@gmail.com
81	URBAN CMC	MS DAS UPHC	DR. MIRDUL AGARWAL	8407961477	msdasuphc@gmail.com
82	URBAN CMC	TULASIPUR UPHC	DR. SARKET PANDA	7978099015	tulasipuruphc@gmail.com
83	URBAN CMC	THORIASAHI UPHC	DR. APARAJITA SAMANTARAY	7847094330	thoriasahiuphc@gmail.com
84	URBAN CMC	SANDHAPUR UPHC	DR. KRUSNA MOHAPATRA	9011065619	uphcsandhapur@gmail.com
85	URBAN CMC	ODIBAZAR UPHC	DR. PRAKASH CH SAHOO	9692978579	odiabazaruphc@gmail.com

Sl No.	Block/ ULB	Name of the DHH/CHC/ PHC	Name of the Superintendent -cum- Medical Officer/ Medical Officer	Mobile No.	Office E-mail ID
86	URBAN CMC	UPHC JAGATPUR	DR SACHIDANANDA SATPATHY	9437001673	nimpuruphc@gmail.com
87	URBAN CMC	UPHC BIDYADHARPUR	DR RAMESH CHANDRA SINGH	8763105641	crriuophchwc1@gmail.com
88	URBAN CMC	UCHC CHAULIAGANJ	DR. PRADEEP KU MALLICK	9337454077	uchc,chauliaganj1@gmail.com
89	URBAN CMC	UPHC NAYABAZAR	DR. SUSHREETA MUNDA	8917291075	nayabazar.uphchwc1@gmail.com
90	URBAN CMC	UPHC BAMPHAKUDA	DR. ABHIPSA PRIYADARSINI	7978444141	nuahat.uphchwc@gmail.com
91	URBAN CMC	UPHC MANJULATA	DR. SAIRAM PATTNAIK	7873940966	manjulatauphc@gmail.com
92	URBAN CMC	UPHC BRAJARAMBHA	DR.SANSODHITA SANSKRUTI	8249168312	uphcbrajarambha1@gmail.com
93	URBAN CMC	UPHC JHOLASAHI	DR. DEBASRITA MOHANTY	7609022212	uphcjholasahi@gmail.com

4.12 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). Each battalion has 18 self-contained specialists Search and Rescue teams of 45 personnel. The NDRF team includes Chemical, Biological and Radiological Disaster (CBRN) emergency responders, S&A element, engineers, technicians, electricians, dog squads and paramedics. The NDRF battalions are strategically located at 8 different locations in the country based on the vulnerability profile to cut down response time for their deployment. During the threatening proactive deployment of NDRF is being carried out by NDMA in consultation with the State Governments.

Location of National Disaster Response Forces

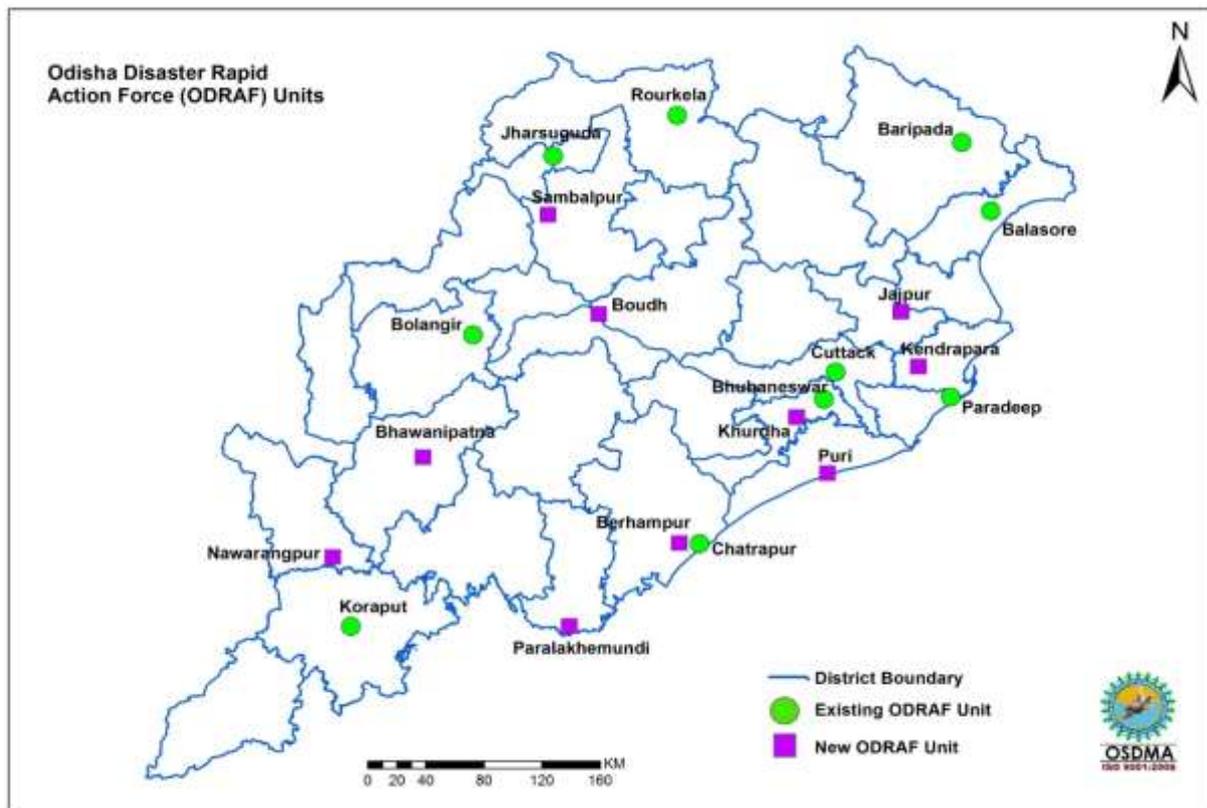
Sl No.	Battalion, Location	State	Man power drawn from	Contact Person	Contact No.
1	03 Bn, NDRF, Munduli	Odisha	CISF	Shri Nagendra Sharma	9437964571
NDRF Help Line: +91-9711077372					

4.13 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. ODRAF aims at reducing casualties, clearance of communication channels, quick deployment of personnel and equipment and minimize expenditure and time lag and support institutional arrangement. In 3 phases, ten units of ODRAF have been set up. The ODRAF units are strategically located throughout Orissa. 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.

Sl No.	Battalion, Location	State	Man power drawn from	Contact Person	Contact No.
1	6 th Bn, ODRAF, OMP Cuttack	Odisha	Cuttack	Surya Narayan Mallick	9437123757

Location of ODRAF Units In Odisha:

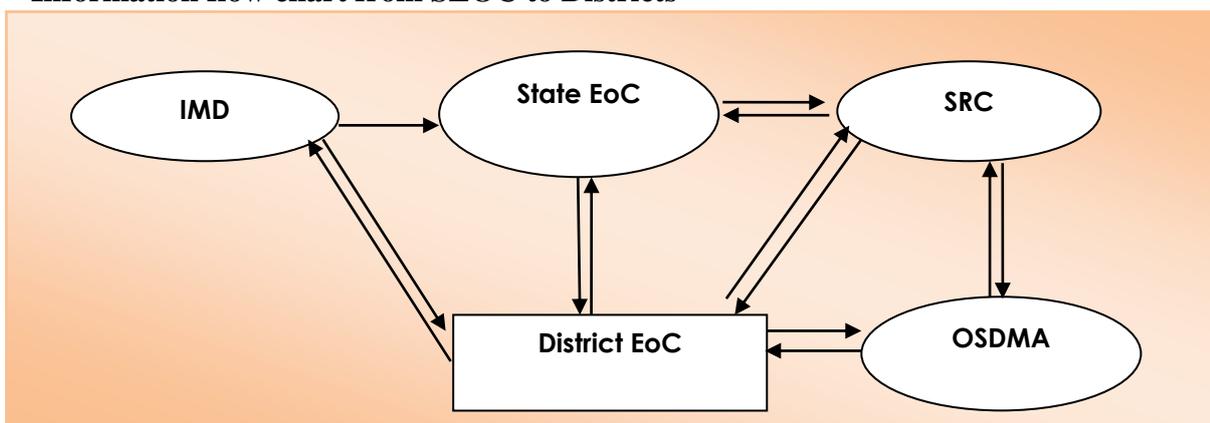


4.14 Emergency Communication System

4.14.1 State Emergency Operation Centre (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.

Information flow chart from SEOC to Districts



4.14.2 District Emergency Operation Centres (DEOC)

DISTRICT EMERGENCY OPERATION CENTER (DEOC), CUTTACK

TEL: 0671- 2507842, Email id: eoc-ctc@nic.in

Location: Collectorate Building, Cuttack.

Assignment of Senior Officials to supervise the emergency situation:

The following Senior/District Level Officers shall remain in-charge of the following Flood Circle Zones as Supervising Officers to keep close watch on preparedness and response actions and report time to time.

Designation of Senior Officers / Dist. Level Officers	Name of the Flood Zones of Cuttack District
ADM(Revenue)	Athagarh Sub-Division, Athagarh & Tigiria Block
ADM(General)	Cuttack Sadar Sub Division, CMC, Area, Choudwar Municipality, Tangi Choudwar Block & Cuttack Sadar Block
ADM(Development)	Banki Sub-Division, Banki Block
CDO-Cum-EO,ZP,Cuttack	Salipur & Nischantakoili, Mahanga Block
Sub-Collector, Sadar, Cuttack	Niali, Kantapada & Baranga Block
Sub-Collector, Banki	Banki NAC & Banki Dompada Block
Sub-Collector Athagarh	Badamba & Narasinghpur Block

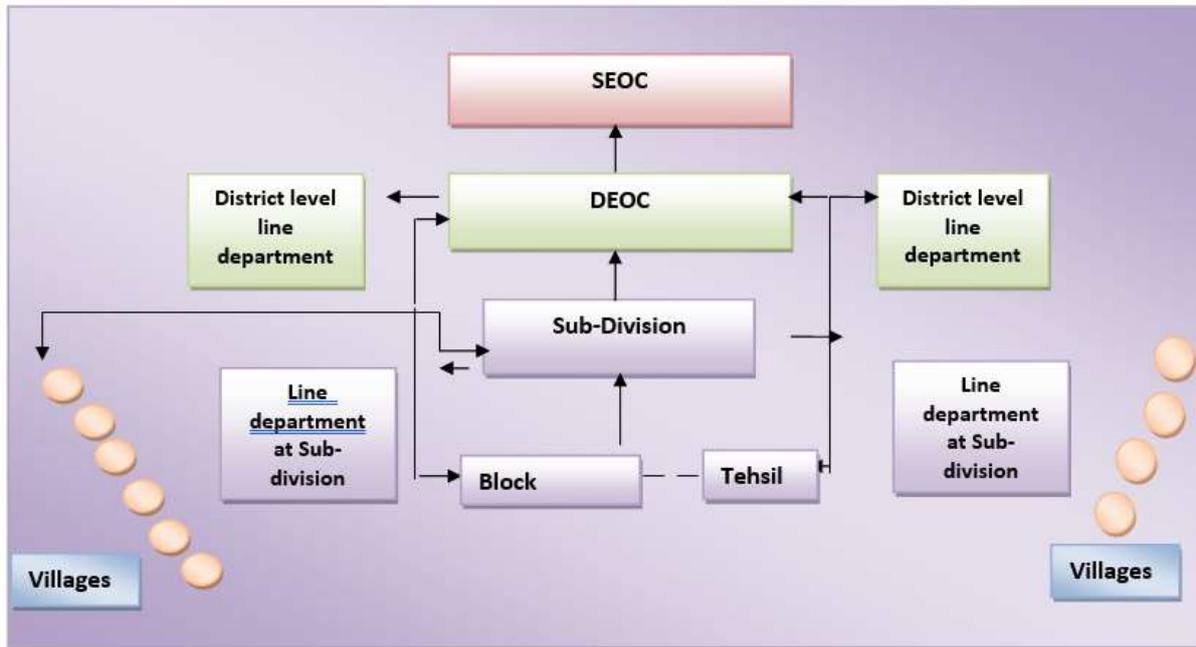
The Sub- Collectors shall also review the flood preparedness measures every week

BDOs /Executive Officers – Zone Officers of respective Blocks / U.L.Bs
Tahasildars – Addl. Zone Officers of respective Tahasils
GP Extension/Panchayat E.O.s – Sub Zone Officers of respective GPs

4.14.3 Equipment's provided to DEOC and their operational status

Sl. No.	Name of the Equipments	Quantity supplied by OSDMA	Quantity in good condition	Quantity in damaged condition	Quantity required for immediate use
1.	Desk Top Computer along with its accessories	3	1	2	2
2.	Laser Printer	2	1	1	1
3.	UPS	3	-	2	2
4.	Scanner	1	-	1	1
5.	Fax Machine	1	-	1	1
6.	Inject Printer	1	-	1	1
7.	Multi Utility Machine	1	-	1	1
8.	L.C.D Projector	1	1	-	-
9.	Digital Steel Camera	1	1	-	-
10.	GPS Unit	1	-	1	1
11.	Satellite Phone	1	-	1	1
12.	VHF Sets	1	-	1	1
13.	VHF Hand Sets	4	1	3	3
14.	Portable Diesel Generator	1	1	-	-
15.	Inverter with Battery	1	-	1	1
16.	Inflammable Tower Light	2	2	-	-
17.	Power Saw	2	2	-	-
18.	Life Jacket	5	5	-	-
19.	Life Buoy	5	5	-	-
20.	Aluminium Ladder	Not supplied	-	-	1
21.	Fire Extinguisher	1	1	-	-
22.	Siren	1	1	-	-
23.	Colour T.V & stand	1	1	-	-
24.	Mobile Phone	2	-	2	2
25.	Display Board	2	1	1	1
26.	White Board	1	1	-	-
27.	Computer Table & Chair	1	1	-	-
28.	Rack	1	1	-	-
29.	Book Case	1	1	-	-
30.	G.I Trunk	1	1	-	-
31.	Commando Search Light	1	1	-	-
32.	Steel Almirah	1	1	-	-

Information flow chart from Villages to District Emergency Operation Centre (DEOC) without early warning



4.14.4 Block Emergency Operation Centre (BEOC)

As per the standing instruction of Dist. Administration the Control rooms at Block Office shall operate from the month of April and continued up-to November. Control room operates from April & May for Heat wave condition whereas from June to November for Flood like situation. The staff assigned for the control room duty to look after the situation and report compliance if required. Similarly control room operates in Tahasil offices too. There is no institutional arrangement for BEOC at the block level, only control room and report returns done by the existing staff of the Blocks.

However as per the Suggestion of DDMA Cuttack Block Level Disaster Management Committee is formed in each block. This Committee is responsible for managing the Disaster situation in block level and immediately report to the Senior Officers and District Administration. Details as follows:

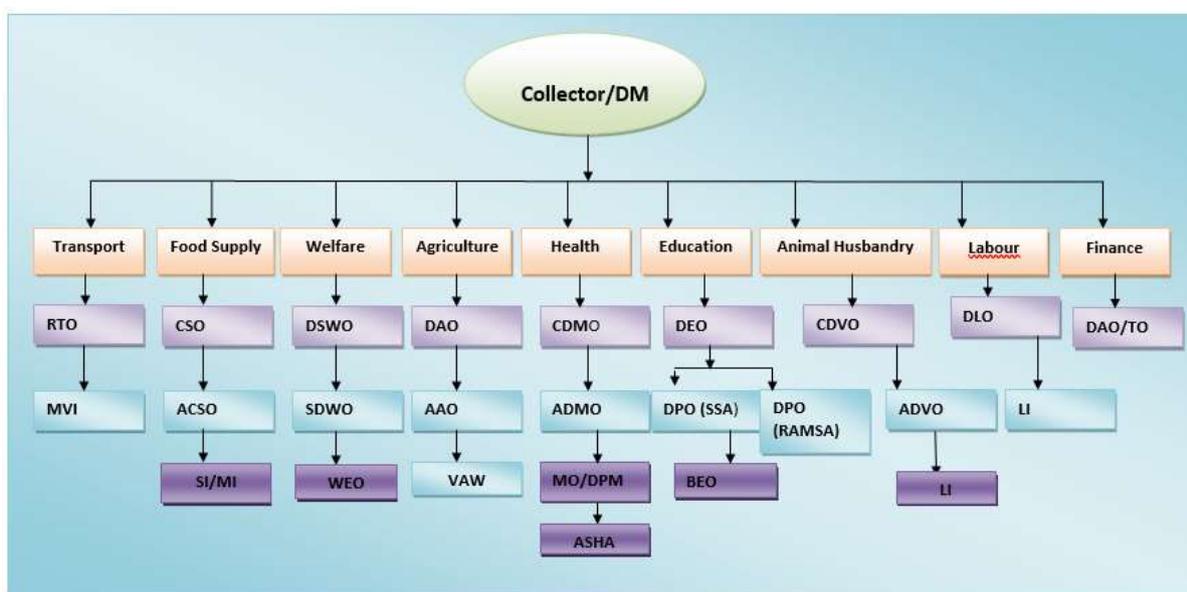
Summer Cyclone

Important Line Departments at the District.

Sl No.	Department	Head of the Department at District	Name of the Nodal Officer	Contact No.
1	Police	SP	Sri Prateek Singh, IPS	9937176777
2	Health	CDMO	Dr. P.K.HOTA	9439990009
3	Agriculture	CDAO	Rajashree Behera	9437721648
4	Horticulture	DDH	Sandul Rama Rao	7008359265
5	Animal Resources	CDVO	Dr. Sushant Nayak	8895332440

Sl No.	Department	Head of the Department at District	Name of the Nodal Officer	Contact No.
6	Dranage	Executive Engineer	Sourav Sahoo	9078069936
7	RWSS	Superintendent Engineer	Abhimanyu Das	9583045957
8	R & B	Executive Engineer	Ashish Nayak	9437415890
9	Mass Education	DEO	Dr.Santosh Kumar Rout	8018087556
10	W & CD	DSWO	Puspanjali Parida	9437146798
11	Social Security	DSSO	Manoj Kumar Ratha	9438016579
12	Fire Services	AFO Cuttack	Sanjiv Kumar Behera	9437373856
		AFO Athagarh	Dilip Kumar Rout	9827340676

Coordination structure at the District level and down the line



4.15 GO-NGO Coordination

NGOs are instructed to provide necessary cooperation during emergency Situation mentioned as follows.

- IEC activities on disaster management
- Community mobilization
- Ensure regular meeting of NGO co-ordination cell
- Disseminate all government aided programme to the community
- Ensure regular mock drill
- Ensure regular bleaching / use of disinfectants in the drinking water sources
- Organize workshops seminar meeting/training on community based disaster management
- Long term mitigation strategies
- Facilitate that Medical and Para Medical Staffs are available in their respective villages.
- Ensure status of medicine stock
- Provide information of evacuees sheltered in different locations to the medical team.
- Ensure medicines are reached to the affected areas with the help of volunteers.
- Ensure proper treatment of the victims or injured.
- Facilitate Charitable Organizations work hand in hand with UPHC Medical Team.

- Arrange transport both road and water ways to the outside medical team and volunteers, if required
- Facilitate and Co-ordinate village task forces/CBOs Institutions reach the spot without any bottlenecks
- Inform PHC to take immediate action and seek the support of District Administration if any epidemic is noticed

List of NGOs as part of GO-NGO Coordination

Sl No	NGO Name	Address	E-Mail ID	Contact No.
1.	Utkal Sevak Samaj	Nuasahi, Gandarpur, Cuttack- 753003	ussngo2014@gmail.com	7008967838
2.	Women & Child Welfare Society	Cuttack	wcwsminati@gmail.com	9437534224
3.	Suprativa	Fakirpada, Biribati Cuttack, pin-754100	suprativa@gmail.com	8763356348
4.	Banki Anchalika Adibasi Harijan Kalyan Parisad	Banki, Cuttack	beherabarendra@gmail.com	7978652874
5.	Maa Bindhyabasini CCI	Narsinghpur, Cuttack	mbasorphanagedorg@gmail.com	8917474559
6.	Committee for Legal Aid to poor (CLAP)	At- Bimaladevi Memorial Building, Sector-6, Market Nagar, CDA, Cuttack-753014	info@clapindia.org , bikash@clapindia.org	9439062986
7.	AWAHAN	Sector-7, CDA, Cuttack-14	mohantykamala@52gmail.com	9437441224
8.	The Sanskara	Jobra Mallhasahi, P- College Square, Cuttack-753003	thesanskar2000@gmail.com	9439041997
9.	Netaji Smaraki Pathagar	Babaji Uttarna, Cuttack	pradiptamohankanungo@gmail.com	9439007923
10.	Niyati Foundation	Nischintakoili, Cuttack	nirmal.panda@niyateefoundation.org	9438148804
11.	Sabitri Janaseva	At- Bakhrabad P- Chandinichowk, PS- Purighat,	Sabitrijanaseva@gmail.com	9861197679
12.	Vikash	Tigiria, Cuttack		9078155381
13.	Basudev Pathagara	Niali, Cuttack	bpngo_ctc@rediffmail.com	9437411541
14.	Uddhar Foundation	Tangi Choudwar, Cutack	-	966818324

4.16 List of Flood Shelters

Sl. No.	Block	GP	Village	Name of the Sarapanch / President	Contact Details	Name of the Shelter Secretary	Contact Details
					Mobile No		Mobile No
1	Athagarh	Katika Sahi	Patenigaon	Manasi Rout	9437966410	Srinibash Behera	9583236898
2	Athagarh	Mahakalabasta	Dahisara	Ashanti Behera	7978484548	Bichitrana nda Rout	8144036753
3	Banki	Anuary	Baigani	Manjulata Das	7325991481	Bharat Dheury	7873649293
4	Banki	Bandalo	Bandalo	Priyadarshini Swain	8114304255	Sangram keshari	9937939895
5	Banki	Ostia	Ostia	Arta Bandhu Behera	9937225138	Aruna kumar Nayak	6370397961
6	Banki-Dompada	Bilipada	Pakharakhal	Bindulata Parida	7978897787	Prahallad Sahoo	9827511769
7	Banki-Dompada	Dompada	Gadajit	Kusum Kumari Dhal	9777251337	-	-
8	Baramba	Bangirisingha	Bangirisingha	Sailabala Behera	9938339511	Subash Mohanty	9337136288
9	Baramba	Gopinathpur	Gopinathpur	Jajati Kesari Nayak	9438405549	Maguni Sahoo	9777482907
10	Baramba	Sankhameri	Sankhameri	Jyoshnamaye Biswal	9938392650	Pramod Kumar Biswal	9861649430
11	Baranga	Kuranga Pradhan	Bramhanajharilo	Suresh Kumar Bhoi	8455919170	Hrushikesh Chhotray	8328896704
12	Kantapada	Uttaran	Babaja	Hemanta Kumar Mallick	977049608	Himanshu Lenka	9337122026
13	Kantapada	Brahmansailo	Brahmansailo	Trupti Mayee Rout	9937450810	Baidyanath Acharya	9776974681
14	Mahanga	Mulabasanta	Mulabasanta	Sasmita Mohanty	9348318365	Mamata Rout	9937450881
15	Narasinghpur	Ekdal	Ekdal	Kartika Dalei	7684078784	Sunil Kumar Hota	7008290311
16	Niali	Ekaberuan	Ekaberuan	PRASANT KUMAR SWAIN	9776379272	Sangram Kishore Badu	9439177471
17	Niali	Eranch	Eranch	NIRANJAN BEHERA	9861817009	Antaryami Behera	9090088910
18	Niali	Kasharda	Kasharda	SURESH PATTANAİK	9937620672	Ganesha Mohapatra	8093505790
19	Niali	Sadansa	Karanga	GITANJALI NAYAK	9938982841	Hrudananda Rout	9778209066
20	Nischintkooili	Daudpur	Daudpur	Lalatendu Bisoi	9853225402	Rabinarayan Nayak	8249387701

Sl. No.	Block	GP	Village	Name of the Sarapanch / President	Contact Details	Name of the Shelter Secretary	Contact Details
					Mobile No		Mobile No
21	Nischintk oili	Nagaspur	Nagaspur	Puspalata Mallik	9861748484	Jajati Kesari Bhuyan	9178508629
22	Nischintk oili	Sirlo	Brahmankhanda	Sipra Bhoi	7327033634	Suratha Ch Behera	8457044452
23	Sadar Block	Bentakar	Jharkata	Sri Sisir Kumar Rout	9348677600	Sri Rabindra Nath Das	9937190499
24	Tangi Choudwar	Kayalpada	Kayalpada	Sailabala Nayak	7008431766	Kalia Panda	9078996510
25	Tangi Choudwar	Kakhadi	Kakhadi	Kalpna Chatar	7752015330	Dillip Kumar Chatar	7205050622
26	Tigiria	Badanauput	Boulanga	Prtimayee Panda	7978979707	Basant Samal	8456828381
27	Tigiria	Badanauput	Hatamala	Prtimayee Panda	7978979707	Brajaban dhu Panda	9938509058
28	Tigiria	Gadadharpur	Gadadharpur	Puspita Swain	6370719003	Surendra Swain	9937025545
29	Tigiria	Puruna Tigiria	Chasanara	Pratap Kumar Jena	9778485851	Santosh Samal	9438093729

4.17 No of power Boats available in different Blocks

Sl. No.	Name of the Block	Nos. of Power Boats Available
1	Cuttack Sadar	0
2	Tangi-Choudwar	2
3	Salipur	0
4	Mahanga	4
5	Nischintkoili	3
6	Baranga	1
7	Niali	3
8	Kantapada	2
9	Athagarh	0
10	Tigiria	4
11	Baramba	2
12	Narsinghpur	0
13	Banki	2
14	Dompada	3
	TOTAL	26

Apart from these Flood cum Cyclone Centers there are 536 Multipurpose flood Centers in Cuttack District. **Identified safe shelters**

Sl. No	Name of the Block	Nos. of School-Cum-Flood/ Cyclone Shelter
1	Cuttack Sadar	90
2	Tangi-Choudwar	40
3	Salipur	51
4	Mahanga	36
5	Nischintkoili	82
6	Baranga	28
7	Niali	64
8	Kantapada	14
9	Athagarh	33
10	Tigiria	33
11	Baramba	08
12	Narsinghpur	20
13	Banki	17
14	Dompada	20
Total:-		536

CHAPTER - V

5.0 Prevention & Mitigation

5.1 Ways & Means to prevent disasters:

To minimize the disaster risk and vulnerability of people district has to develop infrastructure in the district prioritizing the most vulnerable areas of the district. Promote a culture of prevention and mitigation through curriculum revision, Information Education Communication (IEC) awareness campaign, and preparation of DM plans at all level, mock drills, communicating hazards, risk and vulnerability at community level, streamlined and institutional techno-legal framework. To build the capacity of all stakeholders in the State to cope with the disasters and promote community-based disaster management. Mainstreaming disaster management concerns into the developmental planning process. Develop efficient disaster response/relief mechanism in the State with identified roles and responsibilities of the stakeholders. To provide clarity on roles and responsibilities for all stakeholders concerned with disaster management.

Disaster-Specific Measures and Approaches

- Heat Wave Meeting:
- Natural Calamity Meeting:
- Response to Cyclone:
 1. Construction of Cyclone shelter
 2. Equipped of Cyclone shelter
 3. Training and capacity building of shelter level volunteers in First Aid, Rescue and Counselling

Approaches

- Construction of multipurpose cyclone and flood shelters.
- Removal of hoardings before specified cyclone period
- Trimming of trees and shrubs and removal of damaged and decayed parts of trees close to localities and critical infrastructure
- Public safety norms and constructions in places of worship and mass gathering
- Soil erosion control and riverbank stabilization
- Road and Highway Stabilization
- Bridge abutment stabilization
- Protection of Roads, Culverts and Bridges against flood- grass plantation
- Repair and Maintenance of Embankments against flooding and erosion. Retrofitting of vulnerable spots to prevent embankment breaches
- Cross Drainage Works:- Construction of causeways and culverts sufficient for carrying water more than historical records to prevent flash floods in downstream villages
- Drinking Water:
 - Habitations to be covered under pipe water supply scheme
 - Water supply in scarcity areas in during summer season
 - Raising of hand pumps in flood prone areas
 - Repair/ Replacement of non-functional hand pumps

- Sanitation:
 - Community Mobilization
 - Construction of Toilets
 - Municipal Waste Management
 - Sewerage System in ULBs
- Plantation: River bank plantation, AR, ANR, Hill Slope Plantation, Fodder Plantation, Agro forestry etc.
- Soil conservation works.
- Water harvesting
- Prevention of Road Accidents:
 - Putting up of signage in accident prone zones
 - Light reflectors
 - Diversion boards for roads and bridges
 - Repair of potholes & construction of Speed breakers
- Immunization
- Preventive measures against vector borne diseases
- Risk Transfer: Crop insurance/ livestock insurance
- Measures against animal depredation- Trenching/ Fencing
- Awareness generation programmes on disaster prevention and mitigation
- Mainstreaming Disaster Risk Reduction (DRR) in development activities

5.2 Scope for integrating different schemes

Sl. No.	Scheme	Possible activities for DRR
1.	Member of Parliament Local Area Development Scheme (MPLADS)	<ul style="list-style-type: none"> - Construction of flood control embankments - Construction of common shelters for cyclones, Floods and handicapped - Purchase of motor boats for flood and cyclone prone areas - Fire tenders for Government organization - Retrofitting of essential lifeline buildings, viz Govt. hospitals, Govt. Schools and public buildings to be used as shelters in an emergency. - Early Warning Systems for effective disaster mitigation. - Construction of roads, approach roads, link roads, Pathways. - Drinking water facility
2.	Indira Awas Yojana (IAY)	<ul style="list-style-type: none"> - Construction of disaster-resilient houses
3.	Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)	<ul style="list-style-type: none"> - Construction of river embankments - Construction of roads in remote areas - Construction of multi-hazard shelters
4.	National Rural Livelihood Mission	<ul style="list-style-type: none"> - Creation of SHGs
5.	Pradhan Mantri Gram Sadak Yojana (PMGSY)	<ul style="list-style-type: none"> - Construction of roads in remote areas
6.	National Health Mission (NHM) (NRHM and NUHM)	<ul style="list-style-type: none"> - Rapid Action Force for Emergency Medical Response - Emergency ambulances - Preparedness for mobile Field Hospitals

Sl. No.	Scheme	Possible activities for DRR
7.	Scheme for Animal Health Care in the State	- Vaccination drives
8.	Rashtriya Swasthya Bima Yojana	- Insurance (Disaster Insurance)
9.	Pradhan Mantri Awas Yojana (PMAY)	- Construction of disaster resistant houses
10.	Pradhan Mantri Suraksha Bima Yojana (PMSBY)	- Insurance
11.	The Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY)	- Insurance
12.	Sarva Shiksha Abhiyan	- Disaster resilient construction of new school buildings - Retrofitting in existing school buildings - Essential response preparedness and planning at school level
13.	Mission Shakti: Empowering Women through SHGs	- Capacity building of women on adaptation and risk reduction behaviors and preparedness at household level to face climatic extremes - Linking livelihood promotion with sustainable natural resource management
14.	Gopabandhu Gramin Yojana	- The roads must be assessed for future climatic extremes and should be location wise designed to be resilient. The same applies to the other two sectors. The integration can be done from design to implementation, monitoring and evaluation that the infrastructure is created maintained keeping in mind future possibilities and rising frequency and magnitude of extremes. - A life cycle analysis based on (probable life of the infrastructure and expected future climatic extreme events) history of extremes and climatic projections can ensure resilient design, construction and maintenance. For this capacity building of planners, contractors and engineers on themes such as, assessment of climate and disaster risks, resilient designs, monitoring and evaluation will be required
15.	Biju Pucca Ghar Yojana	- Disaster Resilient housing for the beneficiaries by the trained Engineers and Masons - Awareness among the beneficiaries to take up disaster resilient housing
16.	Jalanidhi: Harnessing Ground and Surface Water for Agriculture	- Prior assessment of feasibility of ground water level in future climate scenario as well as sustainability - Installation of resilient infrastructure based hazard and vulnerability assessment of the field location - Installation of structural mitigation measures for protecting the existing infrastructure - Agreement and sensitization of beneficiaries for efficient and smart use of water for sustainability - Measures for ground water recharge

Sl. No.	Scheme	Possible activities for DRR
17.	Odisha Tribal Livelihood Programme Plus: Empowerment & Sustainable Livelihood Opportunity for Tribals	<ul style="list-style-type: none"> - Base Line Survey can include in climate and disaster risk assessment as part of PRA. - The design of project intervention must consider present and future climate scenario and projections - Infrastructure to be created must be DRR inclusive analysing the risks associated with disasters and climate change - Livelihood risk transfer through appropriate risk transfer mechanism should be a core component based on risk analysis. - The program has the potential to produce DRR-CCA integrated model practices for development through integration of DRR and CCA
18.	Jeebika - Orissa Rural Livelihood Programme: Watershed Development – A Means to a Better Livelihood	<ul style="list-style-type: none"> - Livelihood promotion activities should be selected based on local level climate and disaster risk assessment - The component of climate change and disaster resilient capital creation can be taken up. e.g., practices that can withstand future climatic extreme events such as high speed cyclones, extreme floods - Improvement of WASH through awareness, resilient infrastructure like raised toilets, hand pumps can be focussed during design and implementation of project activities - Integrating livelihood and weather index based insurance with livelihood options for greater adaptation. e.g. if tailoring is promoted as non-farm based livelihood, the tool such as the sewing machine, the tailoring centre (Infrastructure) must be insured against climatic extreme events
19.	Biju Gram Jyoti Yojana: Illuminating Villages – A State Initiative	<ul style="list-style-type: none"> - The infrastructure installed under the program must be designed considering high speed cyclones and floods for adaptation and sustenance. - Building Energy Conservation Standards must be done and beneficiaries must be sensitized for energy conservation
20.	Biju Saharanchal Vidyutikarana Yojana: Electricity for Slums and Habitation in Urban Areas	<ul style="list-style-type: none"> - Same as above
21.	Capital Expenditure System Improvement for Reduction of AT&C Programme: loss in Electricity Distribution Sector	<ul style="list-style-type: none"> - Strengthening existing infrastructure with focus on extreme events (current and projected). The energy infrastructure must be structurally strong enough to withstand cyclone speed of 300 KMPH or more and provision for rapid recovery (strategies and resources) should exist in the scheme.

CHAPTER – VI

6.0 Climate Change Adaptation and 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 greenhouse gas concentrations in the atmosphere since the industrial revolution.

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 ₂ O)	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%

6.1 Major Greenhouse Gases Contributors

Greenhouse Gas	Human Source (Examples)	% of Total Global GHG Emissions (2010)
Carbon dioxide (CO ₂)	Fossil fuel combustion, land use changes, cement production, etc	76%
Methane (CH ₄)	Fossil fuel mining/distribution, livestock, rice agriculture, landfills, etc	16%
Nitrous oxide (N ₂ O)	Agriculture (fertilisers) and associated land use change, etc	6%
Hydrofluorocarbons (e.g. HFCs)	Liquid coolants, etc	< 2%
Perfluorocarbons (e.g. PFCs)	Refrigerant, electronics industry and aluminium industry, etc	< 2%
Sulphur hexafluoride (SF ₆)	Insulator in electronics and magnesium industry, etc	< 2%
Nitrogen trifluoride (NF ₃)	Electronics and photovoltaic industries, etc	< 2%

Source: Reproduced from IPCC 2007, UNEP 2012 and FERN

Current annual emission levels are at 9.5 Gt C and are likely to grow every year due to population growth and economic development patterns. If annual emissions continue to grow as in past years (“business as usual” scenario) the carbon budget will be exhausted in the next three decades.

6.2 Sectors with High Mitigation

Sl. No.	Sectors	Mitigation Options
1	Energy	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Manure and livestock management to reduce CH₄ emissions • Improved fertilizer application techniques to reduce N₂O 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	<ul style="list-style-type: none"> • Reduced deforestation • Afforestation/reforestation • Forest management • Tree species improvement to increase biomass productivity and carbon sequestration
6	Waste	<ul style="list-style-type: none"> • Landfill methane recovery • Waste incineration with energy recovery • Composting of organic waste • Controlled wastewater treatment • Recycling and waste minimization • Bio covers and bio filters to optimize CH₄oxidation

6.3 Statutory Compliance of the Factories/ Industries

Sl. No.	Organization Name	Address	Consent Under Air Act and Water Act (CTO Validity)
1.	Aarti Steel Limited	At-Ghantikhal, Po-Mahakalabasta, Via-Athagarh, Cuttack	31.03.2023
2.	Bhubaneswar Power Pvt. Ltd.	At-Anantapur, PO-Dhurusia, Tehsil- Athagarh, Cuttack	31.03.2023

Sl. No.	Organization Name	Address	Consent Under Air Act and Water Act (CTO Validity)
3.	Dhan Shree Smelters	Plot No-154/C & D, NIE, Jagatpur, Cuttack	31.03.2021
4.	Dalmia Cement (Bharat) Ltd., Unit- Kapilas Cement Manufacturing Works	At-Biswali, Po- Barunia, Ps-Tangi, Jagatpur, Cuttack-754082	31.03.2022
5.	Manishree Refractories & Ceramic	At/Po- Madhupatana, ist-Cuttack	31.03.2025
6.	Odisha Cement Plant (A Unit of Shree Cement Ltd.)	Chandrabali, Shyampur, Athagarh, Cuttack.	31.03.2026
7.	Shree Durga Petrochemical	Plot No. 89-A, NIE, Phase-II, Jagatpur, Cuttack	31.03.2026
8.	Susim Enterprises	154/F & G, NIE, Jagatpur, Cuttack	31.03.2022
9.	Suvochem Industries (P) Ltd. (Unit-I)	S-3/A-19, NIE, Jagatpur, Cuttack	31.03.2022
10.	Suvochem Industries (P) Ltd. (Unit-II)	S/74, NIE, Jagatpur, Cuttack	31.03.2026
11.	T.S. Alloys Ltd.	At-Anantapur, PO-Dhurusia, Tehsil- Athagarh, Cuttack	31.03.2026
12.	Varun Breverage Ltd.	Jagatpur, Cuttack	31.03.2022
13.	Utkal Galvanizer	At-Kapursingh, PO- Oranda, Cuttack	31.03.2021
14.	Viraja Steel & Power (P) Ltd.	At-Suniamuhan, PO-Mancheswar, Athagarh, Cuttack	31.03.2022
15.	Indian Metals & Fero Alloys Ltd.(2x60MW)	At- Kapaleswar, PO-Choudwar, Dist.-Cuttack	31.03.2022
16.	Indian Metals & Fero Alloys Ltd.(108 & 30 MW)	At- Kapaleswar, PO - Choudwar, Dist.-Cuttack	31.03.2022
17.	Indian Metals & Fero Alloys Ltd. (1x48 MVA)	At- Kapaleswar, PO-Choudwar, Dist.-Cuttack	31.03.2026
18.	Indian Metals & Fero Alloys Ltd.(2x27 MVA)	At- Kapaleswar, Choudwar, Dist.-Cuttack	31.03.2026
19.	Orient Refractories Ltd	At/Po-Bainchua, Ps- Tangi, Cuttack	31.03.2025
20.	RSB Transmission (I) Ltd.	At-Mania,Po- Uchapada, Dist-Cuttack	31.03.2022
21.	Hardev Steel (P) Ltd.	At- Suniamunha, Po- Bali, Dist- Cuttack	31.03.2022
22.	J.K. Laxmi Cement Limited	At-Ghantikhal, Po-Khuntuni, Via-Athagarh, Dist-Cuttack	31.03.2023
23.	Green Waves (P) Ltd.	At- Baula,Po- Bali athagarh, Dist-Cuttack	31.03.2025

CHAPTER – VII

7.0 Inclusive Disaster Risk Reduction

7.1 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 socioeconomic 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.

7.2 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.

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

7.3 Information on Population Requiring Special Care

7.3.1 Information on Person with Disability (PwD)

Sl. No.	Blocks	Numbers of Gram Panchayats	Numbers of Villages	Total No. of HHs	Total Population	No. of HHs Having by PWD	No. of Persons with Physical Disability (PWD)		No of persons with Mental disability	
							M	F	M	F
1	Athagarh	34	237	35383	174110	1973	1361	795	257	126
2	Banki	20	103	26673	115402	1951	1115	836	197	83
3	Banki-Dampada	17	43	22714	98894	1428	625	535	188	80
4	Baramba	38	138	35641	149793	2214	1572	642	403	212
5	Barang	16	78	3601	84068	89	24	18	6	4
6	Cuttack Sadar	23	118	30757	154091	1314	476	316	297	225
7	Kantapara	14	88	19869	88532	12138	1264	898	0	0
8	Mahanga	37	195	44626	186930	2400	1793	607	121	32
9	Narasinghpur	37	227	36127	157201	1829	935	791	115	100
10	Niali	23	124	33472	148479	2500	1900	950	144	72
11	Nischintak	41	221	30155	188599	407	1222	1223	52	32

Sl. No.	Blocks	Numbers of Gram Panchayats	Numbers of Villages	Total No. of HHs	Total Population	No. of HHs Having by PWD	No. of Persons with Physical Disability (PWD)		No. of persons with Mental disability	
							M	F	M	F
	oili									
12	Salipur	35	161	44942	193938	1797	1074	902	381	74
13	Tangi-Choudwar	24	172	32785	154720	1395	1052	590	90	88
14	Tigiria	14	48	16519	74639	1194	813	381	185	47
Grand Total		373	1953	413264	1969396	32629	15226	9484	2436	1176

7.3.2 Information on vulnerable women and children

Sl. No.	Blocks	No. of HHs headed by Women	Child Population per village		No. of Widow	No. of Orphans	
			0-5 Years	6-14 Years		M	F
			1	Athagarh		4583	11700
2	Banki	96	7491	13458	1431	32	38
3	Banki-Dampada	22137	7490	10244	2363	21	28
4	Baramba	2829	10560	100	36	19	17
5	Barang	25	5967	96	2	19	22
6	Cuttack Sadar	1150	34206	12400	1150	43	43
7	Kantapara	19869	5286	0	962	8	9
8	Mahanga	74529	12317	17320	4433	8	7
9	Narasinghpur	2528	10743	15205	4041	29	21
10	Niali	72929	9733	10484	3350	17	13
11	Nischintakoili	30155	11238	6312	3033	13	14
12	Salipur	2039	14158	12047	1807	17	18
13	Tangi-Choudwar	NA	14032	NA	27	56	39
14	Tigiria	3303	5373	6425	2146	12	11
Total		236172	160744	122089	31498	334	306

7.3.3 Information on Aged and Pregnant Women

Sl. No.	Blocks	Numbers of Gram Panchayats	Numbers of Villages	Total No. of HHs	Total Population	No. of Aged Persons (60 and above) in villages		No. of Pregnant and lactating mothers per village during the information collection
						M	F	
1	Athagarh	34	237	35383	174110	11264	10813	2271
2	Banki	20	103	26673	115402	8337	5558	1431

Sl. No.	Blocks	Number s of Gram Panchayats	Numbers of Villages	Total No. of HHs	Total Population	No. of Aged Persons (60 and above)in villages		No. of Pregnant and lactating mothers per village during the information collection
						M	F	
3	Banki-Dampada	17	43	22714	98894	4506	3785	1445
4	Baramba	38	138	35641	149793	148	106	2149
5	Barang	16	78	14436	84068	4455	3263	1120
6	Cuttack Sadar	23	118	30757	154091	78121	3372	6542
7	Kantapara	14	88	19869	88532	6310	3390	886
8	Mahanga	37	195	44626	186930	11136	7320	2218
9	Narasinghpur	37	227	36127	157201	6922	6348	1980
10	Niali	23	124	33472	148479	7454	5121	1658
11	Nischintakoili	41	221	30155	188599	8825	8816	1966
12	Salipur	35	161	44942	193938	10925	9322	2543
13	Tangi-Choudwar	24	172	32785	154720	56	44	2465
14	Tigiria	14	48	16519	74639	12905	11337	1076
Grand Total		373	1953	424099	1969396	171364	78595	29750

CHAPTER – VIII

8.0 Safety of Schools and Child Care Institutions

Key Action Areas

- 1. Institutional strengthening at the State & District levels**
 - Co-opting senior officials of the Department of Education in SDMA and DDMA.
 - Nomination of School Safety Focal Point Teacher & Sensitization of School Management Committee on DM.
- 2. Planning for Safety**
 - Structural Measures (including sitting, design and detailing for structural safety).
 - Non-structural Measures.
 - Preparation & implementation of School Disaster Management Plan.
 - Lever aging existing flagship programmes to make school campus safer.
- 3. Capacity building for safe schools**
 - Training for students and school staff
 - Specialized training and skill building of Education officers, representatives of SCERT and DIET, SDMA, DDMA, etc on school safety
 - Mock Drills
- 4. Disaster Management in Core Curriculum**
- 5. Regular monitoring of risk and revision of School Safety Plans (including Safety Audits & Availability of Emergency Equipment).**

8.1 Category & type of Schools

Name of the Block	Government Schools				Government Aided		Private Schools	
	Elementary		Secondary		Elementary	Secondary	Elementary	Secondary
	Rural	Urban	Rural	Urban				
Athgarh	145	9	19	1	3	14	29	2
Banki	92	0	15	0	3	8	12	1
Baramba	112	0	25	0	0	29	26	1
Baranga	82	2	11	1	6	9	25	4
Cuttack mc	28	94	16	22	9	14	76	45
Cuttack sadar	76	42	22	0	2	4	74	5
Dompara	84	8	7	1	0	14	11	2
Kantapada	82	0	16	0	1	5	15	2
Mahanga	180	0	33	0	19	19	27	5
Narasinghpur	146	0	21	0	9	17	26	0
Niali	129	0	22	0	5	7	20	1
Nschintakoili	183	0	34	0	13	14	40	4
Salipur	182	0	28	0	6	10	33	12
Tangi	100	48	4	11	3	14	39	6
Tigiria	57	0	8	0	4	5	14	0
Total	1678	203	281	36	83	183	467	90

8.2 School Safety Advisory Committee (District Level)

Sl. No.	Name & Designation	Name	Contact No.	Email ID	Remarks
1	Collector Cum Chairman, RTE- SSA,Cuttack,	Sri Dattatraya Bhausahab Shinde, IAS	8456928587	dm-cuttack@nic.in	Chairperson.
2	Superintendent of Police, Cuttack	Sri Prateek Singh, IPS	9937176777	spctc.orpol@nic.in ,	Co- Chairperson.
3	District Fire Officer, Cuttack	Sanjeev Kumar Behera	9437373856	cghomeguardsodisha@gmail.com	Member.
4	District Welfare Officer, Cuttack	Madhusmita Mohapatra	9437124408	dwo.cuttack@nic.in	Member.
5	District Social Welfare Officer, Cuttack	Puspanjali Parida	9437146798	dswocuttack@nic.in	Member.
6	Chief District Medical Officer, Cuttack	Dr. P.K.HOTA	9439990009	dsucuttack@gmail.com	Member.
7	Executive Engineer RWSS/PW D, Cuttack	Abhimanyu Das	9583045957	eerwssathagarh@gmail.com	Member.
8	District Emergency Officer, Cuttack	Sujaya Ku Pati	8908188168	eoc-ctc@nic.in	Member.
9	Panchayat Raj Officer, , Cuttack	Geeta Acharya	8249368942	dpo.od-cut@nic.in	Member.
10	Principal DIET, Cuttack	Niranjan Sahu	9178802896	info@scertodisha@nic.in	Member.
11	Block Education Officer, Cuttack Sadar	Saraswati Kanungo	9438558700	deocuttack@gmail.com	Member.

12	Secretary, The saviour, Shreevihar Colony, Tualisipur, Cuttack					Member.
13	Secretary, The Neaheha ,Firingi Bazar, Cuttack					Member.
14	District Project Coordinator, RTE-SSA, Cuttack	Santosh Kumar Rout,O.E.S(S.B) (GROUP- A)(S.T)	8018087556	dpccuttackssa.opepa@nic.in		Member.
15	District Education Officer, Cuttack	Santosh Kumar Rout,O.E.S(S.B) (GROUP- A)(S.T)	8018087556	deocuttack@gmail.com		Nodal Officer

8.3 Details of School Safety

S l N o	Activity	T o t a l S c h o o l	Achieved															T o t a l
			AT HG AR H	B a n k i	BA RA MB A	BA RA NG A	CUT TAC K MC	CUTT ACK SADA R	DO MP AR A	KA NTA PAD A	MA HA NG A	NAR ASIN GHP UR	N I A L I	NISC HINT AKOI LI	SA LI PU R	T A N GI	Ti gi ri a	
1	Schools having School Safety Advisor y Commit tee (Numb er)	3 0 2 1	177	1 1 6	142	101	129	138	114	70	218	220	1 4 0	269	25 2	23 7	7 7	2 4 0 0
2	Schools having Schol l Disaster manage ment Plan (Numbe r)	3 0 2 1	177	1 1 6	162	80	150	137	114	70	225	220	1 4 5	276	25 2	23 7	7 8	2 4 3 9
3 · A	Schools having conduct ed	3 0 2 1	120	1 1 6	162	80	132	159	0	52	217	220	1 4 5	276	25 2	0	0	1 9 3 1

S I N o	Activity	T o t a l S c h o o l	Achieved														T o t a l	
			AT HG AR H	B a n k i	BA RA MB A	BA RA NG A	CUT TAC K MC	CUTT ACK SADA R	DO MP AR A	KA NTA PAD A	MA HA NG A	NAR ASIN GHP UR	N I A L I	NISC HINT AKOI LI	SA LI PU R	T A N GI		Ti gi ri a
	Safety Audits (Structural)(Number)																	
3 . B . .	Safety Audits (Non-Structural)(Number)	3021	0	116	162	91	135	157	0	56	211	220	145	276	252	0	0	1821
4	Schools having conducted Annual Mock Drills (Number)	3021	208	110	157	98	141	209	105	70	218	187	145	276	252	237	77	2490
5	Schools Having Fire Extinguisher (Number)	3021	0	10	101	144	189	9	40	169	178	10	10	252	237	77	77	1417
6	Schools Adhering to safety norms in storing inflammable & Toxic Material (Number)	3021	208	116	157	101	154	215	105	48	249	187	145	0	252	0	88	2025
7	Schools confirming safety standards as per local building bye-laws (Latest) (Number)	3021	0	0	142	23	148	217	0	0	232	187	0	0	252	0	0	1201

S I N o	Activity	T o t a l S c h o o l	Achieved														T o t a l	
			AT HG AR H	B a n k i	BA RA MB A	BA RA NG A	CUT TAC K MC	CUTT ACK SADA R	DO MP AR A	KA NTA PAD A	MA HA NG A	NAR ASIN GHP UR	N I A L I	NISC HINT AKOI LI	SA LI PU R	T A N GI		Ti gi ri a
8	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)	3021	29	0	162	0	161	205	0	0	195	196	0	26	252	45	10	1281
9	Schools where students & teachers undergo regular training on School Safety & Disaster Preparedness(Number)	3021	177	112	142	23	102	215	111	3	104	0	0	235	252	237	77	1790
10	Schools where disaster management is being taught as part of the curriculum (Number)	3021	0	116	142	47	131	205	11	78	161	220	145	276	252	237	57	2078

8.4 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 in to consideration.

Sl. No.	Name of the Programme	No. of Schools, Colleges and Other Educational institutions to be covered during the year 2020-21	Time Line	Remarks
1	Awareness generation and mock drills for fire/ earth quake etc.	84	2020-2021 and 2021-22	Only NCC /NSS school and some schools in Baranga and CMC
2	Preparation of School disaster management plan	2464	2020-2021 and 2021-22	In all Govt and Aided School

8.5 Important Line Departments at the District

Sl. No.	Department	Head of the Department at District	Name of the Officer	Contact No.	Office Email Id
1	WCD&MS	DSWO			
2	WCD&MS	DCPO	Mrs. Pragati Mohanty	9853246528, 8917678081	dcpo.ctcl.gov@gmail.com dcpo.cuttack.od@nic.in

8.6 Details of Child Care Institutions (CCIs)

Sl. No.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments	No. of Staffs Trained on Fire Safety Equip	Name the Nearby open space for evacuation	Distance of Open space from the	Name the Nearby Alternative Shelters
						(Fire Extinguisher, Alarm)				

						Yes/ No	pmen ts		Cent re in Met ers	
1	Adrut a Child ren Home ,At- Sheik h bazar, Gopal sahi,p o- Tulasi pur,Ps - Lalba g,pin- 75300 8,Dist - Cutta ck	35	0	35	PRANGYAS ENI PRADHAN PH NO - 9439895793	YES FIRE EXTIN GUISH ER	1	OPEN FIELD OF UTKAL BALAS HRAM	20 M	NEW BUILDING OF UTKAL BALSHRAM
2	Adrut a Child ren Home ,At- Sheik h bazar, Gopal sahi,p o- Tulasi pur,Ps - Lalba g,pin- 75300 8,Dist - Cutta ck	22	1 3	35	Shreeram Pratik Superintenden t 7854062201	No	Nil	agricultu ral Land	20 mtr	Lokanayak club, Patapur (Old Building)

S l. N o.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments	No. of Staffs Trained on Fire Safety Equipments	Name the Nearby open space for evacuation	Distance of Open space from the Centre in Meters	Name the Nearby Alternative Shelters
						(Fire Extinguisher, Alarm)				
						Yes/No				
3	Adruta Children Home ,At-Sheikh bazar, Gopalsahi,po-Tulasipur,Ps - Lalbag, pin-753008, District - Cuttack	20	43	63	Swetapuspa Swain - 8895796453	Yes	4nos	Bidanasi Play Ground	100 mtrs	Muktaashray Kendra, Basundhara, Bidanasi, Cuttack-753014
4	Adruta Children Home ,At-Sheikh bazar, Gopalsahi,po-Tulasipur,Ps -	35	44	79	Bandana Mohanty Ph.No-9337904329	No	2	Near Playground	200 Meter	Observation Home

S l. N o.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments	No. of Staffs Trained on Fire Safety Equipments	Name the Nearby open space for evacuation	Distance of Open space from the Centre in Meters	Name the Nearby Alternative Shelters
						(Fire Extinguisher, Alarm)				
						Yes/No				
	Lalbag, pin-753008, Dist - Cuttack									
5	Adruta Children Home, At-Sheikh bazar, Gopal sahi, post-Tulasi pur, Ps - Lalbag, pin-753008, Dist - Cuttack	11	8	18	Minati Behera	2 No	nil	NA	NA	NA
6	Adruta Children Home, At-Sheikh	34	0	34	Susandhya Satapathy Contact No.- 9853583892	NO	0	Inside our Campus	Distance about 200 meter	

S I. N o.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments	No. of Staffs Trained on Fire Safety Equipments	Name the Nearby open space for evacuation	Distance of Open space from the Centre in Meters	Name the Nearby Alternative Shelters
						(Fire Extinguisher, Alarm)				
						Yes/No				
	bazar, Gopalsahi, po- Tulasi pur, Ps - Lalbag, pin-753008, Dist - Cuttack									
7	Adruta Children Home, At-Sheikh bazar, Gopalsahi, po- Tulasi pur, Ps - Lalbag, pin-753008, Dist - Cuttack	38	0	38	SOUMYA MOHANTY(SUPERINTENDENT) 7978815590	YES	7	SBKA CAMPU S	10 METER	BASUNDHARA

S l. N o.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments	No. of Staffs Trained on Fire Safety Equipments	Name the Nearby open space for evacuation	Distance of Open space from the Centre in Meters	Name the Nearby Alternative Shelters
						(Fire Extinguisher, Alarm)				
						Yes/No				
8	Adruta Children Home ,At-Sheikh bazar, Gopalsahi,po-Tulasi pur,Ps - Lalbag, pin-753008, District - Cuttack	54	46	100	Bijaya Ketan Sahoo, Contact no.8018947146	No	Nil	Playground	10 meter	Mahigarh UP School
9	Adruta Children Home ,At-Sheikh bazar, Gopalsahi,po-Tulasi pur,Ps -	0	40	40	Jyotrimaye Behera, Superintendent, ph no-9853383267	Yes (3 Nos)	Nil	Balipokhari Field (Near by KGNM Trust, Satyab hamapur, Cuttack	400mtr	Open Field (Infront of the Kalyani Mandap)

S l. No.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments	No. of Staffs Trained on Fire Safety Equipments	Name the Nearby open space for evacuation	Distance of Open space from the Centre in Meters	Name the Nearby Alternative Shelters
						(Fire Extinguisher, Alarm)				
						Yes/No				
	Lalbag, pin-753008, District - Cuttack							k, Head office)		
10	Adruta Children Home, At-Sheikh bazar, Gopal sahi, post-Tulasi pur, P.S - Lalbag, pin-753008, District - Cuttack	25	21	46	Kabita Bal, M-8917229331	Yes	8	Playground	20 Meters	Buxibazar, Cuttack
11	Adruta Children Home, At-	NIL	48	48	Manash Kumar Mallick, Contact No-9438681695	Yes	5	YUGAS RASTA SOVANIYA SIKHYASHRA	10 METRES	IN THIS COMPOUND

S l. N o.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments	No. of Staffs Trained on Fire Safety Equipments	Name the Nearby open space for evacuation	Distance of Open space from the Centre in Meters	Name the Nearby Alternative Shelters
						(Fire Extinguisher, Alarm)				
						Yes/No				
	Sheikh bazar, Gopal sahi, p o- Tulasi pur, Ps - Lalbag, pin-753008, Dist - Cuttack							M		
12	Adruta Children Home, At-Sheikh bazar, Gopal sahi, p o- Tulasi pur, Ps - Lalbag, pin-753008, Dist - Cuttack	24	0	24	Ratan Kumar Das-7008689582	Fire extinguisher	All	In front of the CCI	10 mtr	Office building of CCI

S l. No.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments	No. of Staffs Trained on Fire Safety Equipments	Name the Nearby open space for evacuation	Distance of Open space from the Centre in Meters	Name the Nearby Alternative Shelters
						(Fire Extinguisher, Alarm)				
						Yes/No				
	ck									
13	Adruta Children Home ,At-Sheikh bazar, Gopalsahi, post-Tulasi pur, P.S - Lalbag, pin-753008, Dist - Cuttack	Nil	25	25	Priyanka Malik ,mob-8917289894, 8249258378,	Yes	4	Lalamat ha	1000 meter	Govt primary school lalamat ha
14	Adruta Children Home ,At-Sheikh bazar,	5	9	14	shaju m m - 9387744477	4	4	NA	NA	NA

S l. N o.	Name and Address of the Organization	Boys	Girls	Total No of Children	Name and Contact no. of the Shift-in-Charge	Available Fire Safety Equipments	No. of Staffs Trained on Fire Safety Equipments	Name the Nearby open space for evacuation	Distance of Open space from the Centre in Meters	Name the Nearby Alternative Shelters
						(Fire Extinguisher, Alarm)				
						Yes/No				
	Gopalsahi,po-Tulasi pur,Ps - Lalbag, pin-753008, Dist - Cuttack									
15	Adruta Children Home, At-Sheikh bazar, Gopalsahi,po-Tulasi pur,Ps - Lalbag, pin-753008, Dist - Cuttack	37	13	50	Sujata Pattanayak 9937005961	Yes	10	ASHRAYA FIELD	30 MTR	GOVT.PRY SCHOOL SECTOR-7 CDA

8.7 Details of CCIs in the district:

S I N o	Block	Name and Address of the Organization		Bo ys	Gi rls	T o t a l N o o f C h i l d r e n	Name and Contact no. of the Shift-in- Charge	Fire Saf ety Eq ui pm ent	St aff Tr ai ni ng on Fi re Sa fet y Eq ui p m ent	Ne ar b y o p e n s p a c e f o r e v a c u a t i o n	Alt ern ativ e Sh el ter / s I de nt if ied
	/ UL B							(Fire Ext ing uis her , Ala rm)			
1	UL B	Utkal Balashram , Nuapada,C uttack	Nuapada, Cuttack- 753010	4 4	0	4 4	Prag yase ni Prad han 9439895793 7873200000	Fire Exti ngu is her	Ye s	Yes	Yes
2	UL B	Basundhar a, Bidanasi, Cuttack(C hildren' Home)	Basundhar a,Bidanasi, Cuttack	1 6	3 5	5 1	Sail a Beh era 0671- 2503178/250489 2, 9853924187	Fire Exti ngu is her	Ye s	Yes	Yes
3	UL B	Basundhar a, Bidanasi, Cuttack(SAA)	Basundhar a,Bidanasi, Cuttack	7	1 3	2 0	Sail a Beh era 0671- 2503178/250489 2, 9853924187	Fire Exti ngu is her	Ye s	Yes	Yes
4	UL B	Basundhar a, Bidanasi, Cuttack(O pen Shelter)	Basundhar a,Bidanasi, Cuttack	5	1 1	1 6	Sail a Beh era 0671- 2503178/250489 2, 9853924187	Fire Exti ngu is her	Ye s	Yes	Yes

5	Tan gi- Cho udw ar Blo ck	Servants Of India Society, Choudwar, Cuttack(C hildren' Home)	Choudwar, Cuttack	3 6	4 1	7 7	srim ant nay ak	9238598829 /06712394398	Fire Exti ngu is her	Ye s	Yes	Yes
6	Tan gi- Cho udw ar Blo ck	Servants Of India Society, Choudwar, Cuttack(SAA)	Choudwar, Cuttack	1	3	4	Sri man t nay ak	9238598829 /06712394398	Fire Exti ngu is her	Ye s	Yes	Yes
7	Ban ki Blo ck	Lokanayak Club,Patap ur, Banki, Cuttack	Patapur,Ba nki,Cuttac k-754008	2 5	1 2	3 7	Mr. Prah alla d Swa in	7978635240	Fire Exti ngu is her	Ye s	Yes	Yes
8	Sale pur Blo ck	KGNM Trust, Satyabham apur, Cuttack	Satyabham apur, Cuttack	0	4 1	4 1	San dhy aran i Mal lick	0671-2358753, 9668563881,754 0948862	Fire Exti ngu is her	Ye s	Yes	Yes
9	Sale pur Blo ck	Swapnesw ar Balashram , Boilo, Purunahat, Kishorena gar.	Boilo, Purunahat, Kishorena gar.	4 0	0	4 0	Sub as Cha ndra Sah oo	9437227216, 6370800000	Fire Exti ngu is her	Ye s	Yes	Yes

10	ULB	International Indecency Prevention Movement , Sobhaniya nagar,Abhinav Bidanasi,Cuttack	Sobhaniya nagar,Abhinav Bidanasi,Cuttack	0	41	41	Satyabhama Devi	9178805044, 9438681695/ 8249023833	Fire Extinguisher	Yes	Yes	Yes
11	Narsingpur Block	Maa Bindhyabasini Anatha Sikhyashram, Jagannathpur, Jillinda,Cuttack	Jagannathpur,Jillinda	54	46	100	Prasmodini Nayak	8018947146, 9178898960	Fire Extinguisher	Yes	Yes	Yes
12	ULB	Swami Bichitranda Kalyan Ashram,Dagarpada, Cuttack	,Dagarpada,Cuttack-753002	35	0	35	Dr. Hemanta Kumar Parida	9937127862, 7978815590	Fire Extinguisher	Yes	Yes	Yes
13	ULB	ORISSA Orphanage , Bidanasi,CUTTACK	ORISSA Orphanage , Bidanasi,CUTTACK	5	9	14	T.K. Anthony	9777267567, 9387744477, 9438815997,9337125687	Fire Extinguisher	Yes	Yes	Yes
14	ULB	Jashoda Sadan,College Square,Cuttack	College Square,Cuttack-753003	17	16	33	Indrani Mallick	0671-2549121, 9437670891, 9437076550,Trupti-9438584294	Fire Extinguisher	Yes	Yes	Yes

15	ULB	ADRUTA Children Home(A unit of RAWA Academy), Tulasipur, P.S-Chhandin Chowk,Cuttack	Tulasipur, P.S-Chhandin Chowk,Cuttack-	0	22	22	Miss Supriti Mohanty	9438553647, 8339045178 7978919169	Fire Extinguisher	Yes	Yes	Yes
16	Mahanga-Block	BAPUJI SISHU MANDIR, Swarnakshetra, Mahanga Pin-754206	Swarnakshetra, Mahanga Pin-754206	24	0	24	Mr Ashok Kujena	0671-2767101,2767201, 9776033785/9776629024,	Fire Extinguisher	Yes	Yes	Yes
17	Tangi-Choudwar Block	VAROSA Ashram,At - Mangarajpur,Choudwar,Cuttack	At-Mangarajpur,Choudwar,Cuttack	0	16	16	Chabila Kunaik	7077276154/9439271464,9178883964,7788959556	Fire Extinguisher	Yes	Yes	Yes
18	ULB	Ashray the Shelter(Home for CP, MR Spl need Children)	Cuttack Municipality Corporation(CMC), Ward No.05	33	12	45	Sujata Pattanaiik	9937005961	Fire Extinguisher	Yes	Yes	Yes

CHAPTER – IX

9.0 Chemical (Industrial), Nuclear and Radiological Disaster

9.1 Chemical (Industrial) Disaster

The growth of chemical industries has led to an increase in the risk of occurrence of incidents associated with hazardous chemicals (HAZCHEM). A chemical industry that incorporates the best principles of safety, can largely prevent such incidents. Common causes for chemical accidents are deficiencies in safety management systems and human errors, or they may occur as a consequence of natural calamities or sabotage activities. Chemical accidents result in fire, explosion and/or toxic release. The nature of chemical agents and their concentration during exposure ultimately decides the toxicity and damaging effects on living organisms in the form of symptoms and signs like irreversible pain, suffering, and death.

Factories or Storage Unit Details:

Organisation Name	Type (Large/ Medium /Small/ Micro)	Manufacturing Process & Capacity	Address
INDIAN METALS & FERRO ALLOYS LTD., CHOUDWAR, UNIT- I, II & III	Large	Manufacturing of High Carbon Ferro Crome - 108 MVA, Generation of Thermal Power 200 MW, Production of Fly Ash Bricks, Low Density Aggregate/ Light Weight	AT/P.O- Kapaleswar, Choudwar, Dist- Cuttack. Pin-754071
Dalmia Cement (Bharat) Limited. Unit: Kapilas Cement Manufacturing Works	Large	Cement Manufacturing Process	At - Biswali, PO - Barunia, PS – Tangi Dist - Cuttack, PIN - 754082
Manishri Refractories & Ceramics Pvt. Ltd.	Medium	Refractories	At/PO. Madhupatna, Cuttack-753010
RSB CASTINGS LTD	LARGE	CAST AUTO COMPONENTS	VLG;- MANIA, P:O- UCHAPADA, DT: CUTTACK, 754022
Ferro Alloys Plant, Athagr, Tata Steel Mining Limited	Large Scale	2 X 16.5 MVA submerged arc furnace for the production of Ferro Alloys with capacity of 59400 TPA	Anantapur, Dhurusia, Athgarh, Cuttack
JK Lakshmi Cement Limited	Large	Cement & 0.75 MTPA	Radheshyampur, Ghantikhal, Cuttack
Bhubaneswar Power Pvt. Ltd.	Large Scale	Thermal Power Generation, 135 MW	Anantapur, Dhurusia, Athgarh, Cuttack

9.2 Critical Facilities/ Infrastructures:

These are the list of Critical Facilities/ Infrastructures situated within close proximity of the Factories/ Industries or Chemical Storage Points in the district are as follows;

Factories/ Industries Name	Critical Facilities (with in Close Proximity) Name	Facility Type (School, AWC Hospitals etc)	Location Address	Lat- Long
Indian metals & ferro alloys ltd., choudwar, unit- i, ii & iii	Nil	Kalinga Public School, Since 1969	Choudwar	20° 31' N 85° 54' E
Indian metals & ferro alloys ltd., choudwar, unit- i, ii & iii		Kalinga Public High School, Since 1965	Choudwar	20° 31' N 85° 54' E
Indian metals & ferro alloys ltd., choudwar, unit- i, ii & iii		Kalinga Vidyapitha, Since 1961	Choudwar	20° 31' N 85° 54' E
Ferro Alloys Plant,Athagrh,Tata Steel Mining Limited	Community Health Centre, Berhampur	Hospital	Community Health Centre, Berhampur, Kakhadi, Athagarh, Cuttack	
Ferro Alloys Plant,Athagrh,Tata Steel Mining Limited	Anantapur Primary School, Anantapur	School	Anantapur Primary School, Anantapur, Dhurusia, Athagarh, Cuttack	
Ferro Alloys Plant,Athagrh,Tata Steel Mining Limited	Panchayat High School, Dhurusia	School	Panchayat High School, Dhurusia, Athagarh, Cuttack	
Ferro Alloys Plant,Athagrh,Tata Steel Mining Limited	Sastri Nodal UP School, Dhurusia	School	Sastri Nodal UP School, Dhurusia, Athagarh, Cuttack	
Ferro Alloys Plant,Athagrh,Tata Steel Mining Limited	AWC, Anantapur	AWC	AWC, Anantapur, Dhurusia, Athagarh, Cuttack	
Ferro Alloys Plant,Athagrh,Tata Steel Mining Limited	AWC, Dhurusia	AWC	AWC, Dhurusia, Athagarh, Cuttack	
Bhubaneswar Power Pvt. Ltd.	Community Health Centre, Berhampur	Hospital	Community Health Centre, Berhampur, Kakhadi, Athagarh, Cuttack	
Bhubaneswar Power Pvt. Ltd.	Anantapur Primary School, Anantapur	School	Anantapur Primary School, Anantapur, Dhurusia, Athagarh, Cuttack	
Bhubaneswar Power Pvt. Ltd.	Panchayat High School, Dhurusia	School	Panchayat High School, Dhurusia, Athagarh, Cuttack	
Bhubaneswar Power	Sastri Nodal UP	School	Sastri Nodal UP	

Factories/ Industries Name	Critical Facilities (with in Close Proximity) Name	Facility Type (School, AWC Hospitals etc)	Location Address	Lat- Long
Pvt. Ltd.	School, Dhurusia		School, Dhurusia, Athagarh, Cuttack	
Bhubaneswar Power Pvt. Ltd.	AWC, Anantapur	AWC	AWC, Anantapur, Dhurusia, Athagarh, Cuttack	
Bhubaneswar Power Pvt. Ltd.	AWC, Dhurusia	AWC	AWC, Dhurusia, Athagarh, Cuttack	
Aarti steels ltd.	Community Health Centre, Berhampur	Hospital	Community Health Centre, Berhampur, Kakhadi, Athagarh, Cuttack	

9.3 Nearest Hospital from the Factories/ Industrial Units:

Organisation Name	Nearest Hospitals (Govt/Private) Name	Hospital Address	District Name	City	Pin Code
Pragati Milk Products Pvt.Ltd	Sadguru Medical & Research Centre Pvt Ltd	Jagatpur Industrial Estate	Cuttack,	Cuttack,	754021
Pragati Milk Products Pvt.Ltd	Nimpur UPHC	Nimpur	Cuttack,	Cuttack,	754021
Pragati Milk Products Pvt.Ltd	ESIC Hospiptal	Jagatpur Industrial Estate	Cuttack,	Cuttack,	754021
INDIAN METALS & FERRO ALLOYS LTD., CHOUDWAR, UNIT- I, II &III	ESI Cottage Hospital / Jansevak Hospital & SCB Hospital	Choudwar & Cuttack	Cuttack	Choudwar	754071
Dalmia Cement (Bharat) Limited. Unit: Kapilas Cement Manufacturing Works	Community Health Centre	At - Tangi PS - Tangi PO - Kotasahi	Cuttack	Cuttack	754022
Manishri Refractories & Ceramics Pvt. Ltd.	SCB Medical College & Hospital	Mangalabag, Cuttack	Cuttack	Cuttack	753007
Manishri Refractories & Ceramics Pvt. Ltd.	Khapuria ESI Dispensary, Cuttack	Kalyani Nagar, Cuttack	Cuttack	Cuttack	753010
RSB CASTINGS LTD	TANGI PH/ SCB MEDICAL	TANGI	CUTTACK	TANGI	754022
Ferro Alloys Plant, Athagrh, Tata Steel Mining Limited	Community Health Centre, Berhampur	Berhampur, Kakhadi, Athgarh, Cuttack	Cuttack	Cuttack	754027
JK Lakshmi Cement	CHC	Berhampur	Cuttack	Athgarh	754029

Organisation Name	Nearest Hospitals (Govt/Private) Name	Hospital Address	District Name	City	Pin Code
Limited					
Bhubaneswar Power Pvt. Ltd.	Community Health Centre, Berhampur	Berhampur, Kakhadi, Athgarh, Cuttack	Cuttack	Cuttack	754027
M/s. Aarti Steels Ltd.	Govt	CHC Barhampur	Cuttack	Nuasaan	754029
M/s. Aarti Steels Ltd.	Govt	PHC, Khunutuni	Cuttack	Khuntuni	754029
M/s. Aarti Steels Ltd.	Private	GIMSAR, Madhaput	Cuttack	Mahakala basta	754029
M/s. Aarti Steels Ltd.	Govt	Sub Divisional Hospital	Cuttack	Athagarh	754029

9.4 Nearest Fire Station of the Factories/Industries:

Organisation Name	Area fire station name	Hospital address	District Name	City	Pin code
Pragati Milk Products Pvt.Ltd	Fire Station,Mahanadi Vihar	Sadguru Medical & Research Centre Pvt Ltd	Cuttack	Cuttack	753004
INDIAN METALS & FERRO ALLOYS LTD., CHOUDWAR, UNIT- I, II & III	Tangi Choudwar Fire Station	ESI Cottage Hospital /Jansevak Hospital & SCB Hospital	Cuttack	Choudwar	754071
Dalmia Cement (Bharat) Limited. Unit: Kapilas Cement Manufacturing Works	Buxibazar, Cuttack		Cuttack	Cuttack	754000
Manishri Refractories & Ceramics Pvt. Ltd.	Fire Station Buxi Bazar.		Cuuack	Cuttack	753001
Manishri Refractories & Ceramics Pvt. Ltd.	Fire Brigade Office, Naya Bazaar		Cuttack	Cuttack	753010
RSB CASTINGS LTD	CHOUDWAR		CUTTACK	CHOUDWAR	
Ferro Alloys Plant,Athagrh,Tata Steel Mining Limited	Fire Station, Athgarh	Community Health Centre, Berhampur	Cuttack	Cuttack	754029
JK Lakshmi Cement Limited	Athgarh	CHC, Berhampur	Cuttack	Athgarh	754029
Bhubaneswar Power Pvt. Ltd.	Fire Station, Athgarh	Community Health Centre, Berhampur	Cuttack	Cuttack	754029

Organisation Name	Area fire station name	Hospital address	District Name	City	Pin code
M/s. Aarti Steels Ltd.	Athagarh	Sub Divisional Hospital	Cuttack	-	754029

9.5 Details of District Crisis Group:

Sl. No.	Designation of the Members & Industry Representatives	Name of the Officer	Mobile No	Contact No.	Email ID
1	The Deputy Commissioner of Police, Cuttack	Sri Khilari Rishikesh Dnyandeo, IPS		0671-2300570	dcpcuttack@nic.in
2	The Superintendent of Police, Cuttack	Sri Prateek Singh, IPS	9937176777	0671-2368116	spctc.orpol@nic.in
3	The Additional District Magistrate, Cuttack	Shibo Toppo /Dr.DibyaloChan Mohanta /Dr.Ipsita Priyadarshini Mishra	9437222160 / 9437230451	0671-2508265	admcuttack@gmail.com
4	The Sub-Collectors, Cuttack	Sri Dibyajyoti Smruti Ranjan Deo, OAS	8895287057	0671-2507626	subcollectorctc@nic.in
5	The Sub-Collectors, Athagarh.	Sri Prahlad Narayan Sharma, IAS.	6377234368	06723-220311	subcoll-athgarh@nic.in
6	The District Emergency Officer, Cuttack	Sujaya Kumar Pati	8908188168		eoc-ctc@nic.in
7	The Chief District Medical Officer, Cuttack	Dr. P.K.HOTA	9439990009	0671-2301007	cdvocuttack@gmail.com
8	The Chief District Agriculture Officer,	Rajashree Behera	9437721648	0671-2642494	ddactc.dag@nic.in

Sl. No.	Designation of the Members & Industry Representatives	Name of the Officer	Mobile No	Contact No.	Email ID
	Cuttack				
9	The District Labour Officer, Cuttack	Pritibandhan Ghadei	8763160562	0671-2340701	ctcdlo@gmail.com
10	The District Fire Officer, Cuttack	Sanjeev Kumar Behera	9437373856	0671-2306409	cghomeguardsodisha@gmail.com
11	The District Information & Public Relation Officer, Cuttack	Bhabani Sankar Bhuyan	9861153399	0671-2507093	dipro.ctc@gmail.com
12	The Asst. Director of Factories & Boilers, Cuttack Zone-I	Sudhansu Sahu	9776779055	0671-2548575	factblrs.cuttack@yahoo.com
13	The Asst. Director of Factories & Boilers, Cuttack Zone-II	Chandrakanta Dalei	8249025496		chandrakanta_oec@yahoo.co.in
14	The Superintendent of SCB & MCH, Cuttack	Prof Dr Goutam Satpathy	8512830995	0671-2414080	scbsuperintendent@gmail.com
15	The Executive Engineer, RWSS, Cuttack	Abhimanyu Das	9583045957	0671-2641619	eerwssctc@gmail.com
16	The Regional Transport Officer,	Biranchi Narayan Adhikari	9437489089	0671-2507492	rto_cuttack@yahoo.co.in

Sl. No.	Designation of the Members & Industry Representatives	Name of the Officer	Mobile No	Contact No.	Email ID
	Cuttack				
17	The Commandant, ODRAF, Cuttack	PK Pradhan, SI	814489 5974		comdt6thbn.odpol@nic.in
18	The Commandant, NDRF, Mundali, Cuttack	Shri Nagender Sharma	943758 1614		ori03-ndrf@nic.in
19	The Deputy Controller, Civil defence, Bhubaneswar	Anup Das	943722 8966		principal-ofdra.od@gov.in
20	The Regional Officer, Odisha State Pollution Control Board, Cuttack	Rasmita Priya Darshini	700884 1815 943888 3907	0671- 2335 478	rospcb.cuttack@ospboard.org
21	M/s. IMFA Ltd., At/Po-Choudwar, Cuttack	Sasanka Sekhar Subudhiray, Safety officer	977744 4127		sasanksubudhiray@imfa.in
22	M/s. Tata Steel Mining Ltd., At-Anantapur, P.O.-Dhurusia, Cuttack	Biswa Ranjan Padhee, Safety Officer	809300 4136		biswaranjan.padhee@tatasteel.com
23	M/s. Aarti Steels Ltd., At-Ghantikhal	Mrinalkanti Das, Safety officer	943703 6420		mrinal.das@aartisteelsltd.com

Sl. No.	Designation of the Members & Industry Representatives	Name of the Officer	Mobile No	Contact No.	Email ID
	,P.O- Mahakalbast, Cuttack				
24	M/s. Dalmia Cement Bharat Ltd., Biswali, Barunei, Cuttack	Biupakhya Sahoo, Safety officer	993754 2461		sahoo.birupakshya@dalmiacement.com
25	M/s. Suvochem Industries Pvt. Ltd., Jagatpur, Cuttack	Gourav Singh, Occupier	999957 9059		sipl_ct@rediffmail.com
26	M/s. Bhubaneswar Power (P) Ltd., Anantapur, P.o- Dhurusia, Cuttack.	Debasish Pattanik, Factory Manager	789443 3678		deb.pattnaik@bhubaneswarpower.com
27	M/s. Manishree Refractories & Ceramics (P) Ltd., Madhupatna, CTC	Biswajit Moahnaty, Safety officer	968648 7404		psoubhagya.ranjan.mrcpl@gmail.com
28	M/s. Toshali Cements (P) Indranipatna, Chasapada, Cuttack	Subash Chandra Bosevenigalla	760800 0133		toshali_choudwar2yahoo.com
29	M/s. Sewerage Treatment Plant,	Sunil Kumar Padhi	977701 0302		pe_stp@owssb.in

Sl. No.	Designation of the Members & Industry Representatives	Name of the Officer	Mobile No	Contact No.	Email ID
	C.D.A, Cuttack.				
30	M/s. Water Treatment Plant Mundali, Cuttack.				
31	M/s. Water Treatment Plant (129 MLD) , Sector -13 CDA, Cuttack	Mr. DEBABRATA MOHANTY GENERAL MANAGER	889500 0800		gmwatcoctc@gmail.com
32	M/s. MEIL (Bhubaneswar) Bulk Water Project Pvt Ltd, Sana Mundali, Cuttack				
33	M/s. Varun Beverages Ltd., At/P.O- Jagatpur, Cuttack.	Sisir Swain, HR	943704 6010		sisir.swain@rjcrop.in
34	M/s. Maa Durga Thermal Power Company Ltd., Bainchua, Tangi, Cuttack	Abit Panigrahi, Safety Officer	977726 5358		safety@maadrugapower.com
35	M/s. Ultratech Cement	Bhupal Sahu, Asst. Manager Safety	904034 9587		bhupal.sahu@adityabirla.com

Sl. No.	Designation of the Members & Industry Representatives	Name of the Officer	Mobile No	Contact No.	Email ID
	Ltd., Radhakishorepur, Cuttack				
36	M/s. Odisha Cement Plant, Khuntuni, Cuttack	Sri Dipandra Bhardwaj	7024116758		dipandra.bhardwaj@shreecement.com
37	M/s. JK Lakshmi Cement Ltd. Radhashyam pur, Cuttack	Sri Girish Tiwari	7077704788		girish.tiwari@durg.jkmail.com

CHAPTER - X

10.0 Biological Disaster and Public Health in Emergencies

10.1 Biological Disaster Management & Medical Preparedness

Biological disasters, be they natural or man-made, can be prevented or mitigated by proper planning and preparedness. The primary responsibility of managing biological disasters vests with the state government. The central government would support the state in terms of guidance, technical expertise, and with human and material logistic support to develop the policies, plans and guidelines for managing biological disasters in accordance with the national guidelines and those laid down by SDMAAs.

10.2 Nodal Departments for Managing Biological Disaster:

Sl No.	Bio Disaster	Nodal Department	Contact person	Contact details (Office/Mobile)
1	Biological	H&FW	CDMO	Dr. P.K.HOTA
	Disaster	Department	(District)	9439990009
2	Bio Terrorism/	Home Department	SP	Sri Prateek Singh, IPS
	War		(District)	9937176777
3	Animal Health	F&ARD	CDVO	Dr. Sushant Nayak
	Disaster	Department	(District)	8895332440
4	Agro -	A&FE	CDAO	Rajashree Behera
	Terrorism	Department	(District)	9437721648

A public health institution of eminence, matching international standards needs to be created, with following measures:

- a) All existing public health institutions providing technical expertise in the area of field epidemiology, surveillance, teaching, training, research, etc., need to be strengthened. The core capacity needs to be developed for surveillance, border control at ports and airports, quarantine facilities, etc.
- b) Each District will strengthen its public health infrastructure, including public health institutions which would collect epidemiological intelligence, share information with IDSP, provide for outbreak investigations and manage outbreaks.
- d) Hospitals will develop capabilities to attend to mass casualties and public health emergencies with isolation facilities. In the districts, DDMAAs will provide the requisite management structure for district DM functioning in the requirements for managing biological disasters.

The strategic approach for management of biological disasters must be done with responsible participation of the government, private sector, NGOs and civil society.

10.3 Important/ Critical Infrastructure:

Sl. No.	Block	Name and Address of Health Centre	Facilities (Numbers)		
			Wards	Beds	Ventilators
1	Narsinghpur	Kanpur CHC	2	16	0
2	Tigiria	Bindhanima CHC	2	6	0
3	Badamba	Manaibandha	2	30	0
4	Banki	Subarnapur CHC	2	6	0
5	Dompada	Dompada CHC	2	6	0
6	Mahanga	Mahanga CHC	3	50	0
7	Nischintakoili	Nischintakoili CHC	2	6	0
8	Salipur	Salipur CHC	2	16	0
9	Tangi	Tangi CHC	2	16	0
10	Cuttack sadar	Bentkar CHC	2	6	0
11	Niali	Niali CHC	2	16	0
12	Kantapada	Kantapada CHC	2	16	0
13	Baranga	Mahidharpada CHC	2	6	0
14	Athagarh	Berhampur CHC	2	6	0
15	Athagarh	Athagarh SDH	5	70	0
16	Banki	Banki SDH	5	60	0
17	Cuttack M. Corp	CDA UCHC	2	16	0
18	Cuttack M. Corp	Chauliaganj UCHC	2	16	0
18	Cuttack M Corp	DHH Cuttack	6	130	0

Facilities available in the health Infrastructures:

Sl. No.	Facility	Unit	Existing Capacity	Extension Capacity	Remarks
1	Medical Staff	In Nos.	304	411	
2	Paramedical Staff	In Nos.	510	408	
3	Specialists	In Nos.	86	44	
4	Technical experts	In Nos.	2	2	
5	Casualty Section	In Nos.	18	18	
6	Isolation wards	In Nos.	14	12	
7	Security arrangement	In Nos.	108	108	
8	Diagnostics Services	In Nos.	14	12	
9	Medical Supplies	In Nos.	All are available		
10	Blood Bank Services	In Nos.	0	0	
11	Mortuary	In Nos.	8	8	
12	Other logistics	In Nos.	66	66	

10.4 Needs of More Vulnerable Groups

The reactions to and impact of a single disaster event may vary among specific groups of survivors within the affected community, i.e. people with special needs or more vulnerable groups viz. children, people with disability, women, elderly people and people needing

special medical care facilities. Lot of inter group and intra group variations are there in terms of vulnerabilities as detailed below

Category	Exposure/Vulnerability
Children	<ul style="list-style-type: none"> • Children who were physically, neurologically, mentally and sensory challenged in the pre-disaster period and those who became disabled after the disaster • Children who need critical medical care facilities e.g. children suffering from cancer, diabetic, asthma, poor heart condition, blood borne diseases, HIV-AIDS, etc. • The children with special needs who become orphans after a disaster, are most vulnerable to different types of exploitation. • Orphaned and unaccompanied Adolescent children, especially girls Children whose parents are missing or remarried
Women	<ul style="list-style-type: none"> • Pregnant and lactating women • Disabled women • Women on critical health care facility • Women who lost their children and plan to undergo recanalization surgery • Elderly women • Women with prior history of psychiatric illness
Elderly	<ul style="list-style-type: none"> • Reduced physical & mental capabilities, delayed response syndrome, increased transfer trauma & the array of emotional difficulties, dementia, and rigidity

CHAPTER – XI

11.0 CAPACITY BUILDING

11.1 Approach

Developing a DDMP without building capacity or raising awareness amongst stakeholders 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

Developing institutional capacity is very important. At the same time, by making the local community part of the process and solution would help in ensuring that disaster mitigation measures are more likely to be implemented and maintained over time.

11.2 Capacity Building of Govt. Officials, PRI Members etc.:

Sl. No	Activity-cum-Training	Participants	Strength (Tentative)	No. of Batches	Duration	Budget (Tentative)	Organised by
1	Heat Wave Awareness/ Preparatory Workshop & Implementation of Heat Wave Action Plan	District Level Line Departments Officers, all BDOs/all Tahasildars	90	2	1 Day	45,000.00	DDMA/ DEOC
2	NGO Coordination Meeting	NGOs / Volunteers	25	1	1/2 Day	2,500.00	DDMA/ DEOC
3	District level workshop for Preparation/ Updation of District/Block Disaster Management Plan(DDMP/ BDMP)	District /Block Level Line Dept. Officer & Others.	90	1	1 Day	45,000.00	DDMA/ DEOC
4	District Level Workshop on Plastic waste (Disposal) Management	District /Block Level Line Dept. Officer & Others.	60	1	1 Day	30,000.00	CES/ DDMA/ DEOC

Sl. No	Activity-cum-Training	Participants	Strength (Tentative)	No. of Batches	Duration	Budget (Tentative)	Organised by
5	District Level Workshop on preparation of VDMP (Village Disaster Management Plan)	District/ Block Level Officers, Nodal Officers / NGOs	50	1	1 Day	25,000.00	DDMA/ DEOC
6	District Orientation training programme on Disaster Management.	ADM, Sub-Collector All BDOs, Tahasildars, Head of line Departments, Police & Fire Dept. etc.	70	1	1 Day	35,000.00	OSDMA/ DDMA/ DEOC
7	District level hands on training programme for officials on IDRN	District level Officials of different departments and stakeholders.	60	1	1 Day	30,000.00	OSDMA/ DDMA/ DEOC
8	Role of NGOs/VOs/CBOs in disaster management.	NGOs / Volunteers	30	1	1 Day	15,000.00	OSDMA/DDMA/ DEOC
9	Preparatory meeting for Flood of DLNCC & DDMA Meet	Blocks/ Tahasils/ Line Departments / PRIs	80	1	1 Day	40,000.00	DDMA/DEOC
10	Role of PRIs & ULBs in Disaster Management.	Chairman/Councilors ULBs, Officials	80	1	1 Day	40,000.00	DDMA/DEOC
11	Role of PRI members (ZP) in Disaster Management.	President/Vice President,ZP/All Members of ZP.	250	1	1 Day	1,25,000.00	DDMA/DEOC
12	Block Level Training on Role of PRI members in Disaster Management.	Chairman/Vice Chairman,Sarpanch &PS Member.	50	2	1 Day	25,000.00	DDMA/BDO
13	Preparation of City Disaster Management Plan	CMC , Line Departments & District Officials	40	1	1 Day	20,000.00	CMC/UNDP/DEOC

Sl. No	Activity-cum-Training	Participants	Strength (Tentative)	No. of Batches	Duration	Budget (Tentative)	Organised by
14	Workshop/ Training on Preparation of School Disaster Management Plan.	DEO,DPC(SSA), all BEOs,CRCC and Others	40	1	1 Day	20,000.00	OSDMA/DDMA/DEOC
15	Training of HMs on Preparation of School Disaster Management Plan/School Safety Programme.	Head Masters of High Schools	40	2	1 Day	20,000.00	DEO/BEO
16	District level Preparatory meeting Mock Exercise on Cyclone/Flood	District/Block Officials CSMMC / MFSMMC members	60	1	1 Day	30,000.00	DDMA
17	Block Level Training on Role of PRI members in Disaster Management.	Chairman/Vice Chairman,Sarpanch &PS Member.	50	3	1 Day	25,000.00	DDMA/BDO
18	Mock Exercise on Flood/Cyclone on 19th June.	District Level/Block/MF S Level	30	1	1 Day	15,000.00	DDMA
19	District Level awareness/capacity building /action plan workshop on Lightning	District/Block Officials and Medical staff	100	1	1 Day	50,000.00	DDMA
20	District Level Workshop on Role of NGOs/VOs/CBOs in Disaster Management.	NGOs / Volunteers	100	1	1 Day	50,000.00	DDMA/DEOC
21	Block Level Training on Role of PRI members in	Chairman/Vice Chairman,Sarpanch &PS Member.	50	3	1 Day	25,000.00	DDMA/BDO

Sl. No	Activity-cum-Training	Participants	Strength (Tentative)	No. of Batches	Duration	Budget (Tentative)	Organised by
	Disaster Management.						
22	District Level ToT on Drought Management for Farmers Clubs Members	Staff of Agriculture/Revenue/Co-operation.	60	1	1 Day	30,000.00	DDMA/DDA
23	Training of Community Volunteers	Community Volunteers	75	1	2	37,500.00	OSDMA/ DEOC
24	Block Level Training on Role of PRI members in Disaster Management.	Chairman/Vice Chairman,Sarpanch &PS Member.	50	3	1 Day	25,000.00	DDMA/BDO
25	Training of HMs on Preparation of School Disaster Management Plan/School Safety Programme.	Head Masters of High Schools	40	2	1 Day	20,000.00	DEO/BEO
26	Review of City Disaster Management Plan and Modification	CMC , Line Departments & District Officials	40	1	1 Day	20,000.00	CMC/UNDP/DEOC
27	Block Level Training on Role of PRI members in Disaster Management.	Chairman/Vice Chairman,Sarpanch &PS Member.	50	3	1 Day	25,000.00	DDMA/BDO
28	Training of HMs on Preparation of School Disaster Management Plan/School Safety Programme.	Head Masters of High Schools	40	2	1 Day	20,000.00	DEO/BEO

Sl. No	Activity-cum-Training	Participants	Strength (Tentative)	No. of Batches	Duration	Budget (Tentative)	Organised by
29	Orientation Workshop on DM Protocol for Child Care Institutions	Representatives of the CCIs, Key Line Agency Officials & Stakeholders	30	1	1 Day	15,000.00	DDMA/DEOC
30	Preparatory Meeting for observation of DP Day	Dist. Level Line Departments	30		1/2 Day	3,000.00	DDMA/DEOC
31	Observation of DP day	Dist. Level Line Departments/ School students/ Fire Service, etc.	300	15	1 Day	1,50,000.00	DDMA/DEOC
32	Block Level Training on Role of PRI members in Disaster Management.	Chairman/Vice Chairman, Sarpanch & PS Member.	50	2	1 Day	25,000.00	DDMA/BDO
33	Training of HMs on Preparation of School Disaster Management Plan/School Safety Programme.	Head Masters of High Schools	40	2	1 Day	20,000.00	DEO/BEO
34	Workshop on Activities of District Crisis Group (DCG)	DCG Members & Stakeholders	30	1	1/2 Day	3,000.00	DDMA/DEOC/ Asst. Director, Factories & Broilers, Cuttack
35	Role of PRI members (ZP) in Disaster Management.	President/Vice President, ZP/All Members of ZP.	250	1	1 Day	1,25,000.00	DDMA/DEOC

11.3 Table-top Exercise

Each year in the 1st week of April, Collector to organize a table top exercise involving all district and block level key officials to assess the emergency response plans for various disasters.

11.4 District/ Block level Mock Drills:

Sl. No.	Type of Mock Drill	Officials / Institutions to be involved	Month / Date	Remarks
1.	Flood	All Blocks / Tahasildars / Line department Officials like EE, Irrigation (Khordha, Prachi, Kendrapara, Jagatsinghpur, Cuttack I & Cuttack II), EE-CESU, CSMMCs, NGOs	June	
2.	Cyclone	All Blocks / Tahasildars / Line department Officials like EE, Irrigation (Khordha, Prachi, Kendrapara, Jagatsinghpur, Cuttack I & Cuttack II), EE-CESU, CSMMCs, NGOs	June	
3.	Industrial Accidents/ Industry Specific Mock drills	Industrial safety wings/ NDRF / ODRAF / Fire Service / Director, Factories & Boilers / Administration	Quarterly	
4.	Railway Mock Drill	Railway Division Khordha / Administration / NDRF/ ODRAF/Fire Service	February	

11.5 Disaster Management Education

Sl. No.	Name of the Programme	No. of Schools, Colleges and Other Educational institutions to be covered during the year	Time Line
1	Awareness on disasters and its impacts on students & Teachers	42	Aug-Jan
2	Preparation of School disaster management plan	14	Aug-Jan
3	Training of Students and Teachers on First Aid Techniques	42	Aug-Jan
4	Training Students and Teachers on Search & Rescue Techniques	42	Aug-Jan
5	Mock drills for fire/ Cyclone /earth quake etc.	39	Aug-Jan

11.6 Community Capacity Building and Community-Based Disaster Management:

As per the discussion held at ROTI on the 3rd and 4th Mar, it was instructed to chalk out a plan for 20% of villages of the district to conduct the community-based disaster management programme in the villages.

Sl. No.	Block Name	Total No of Villages	No. of vulnerable villages to be covered during 2025-26	No. of VDMC and task force member to be oriented	No. NGOs to be involved in the process	Time line	Remarks
1.	Cuttack Sadar	95	36	36*10	1	June - Dec	
2.	Tangi-Chaoudwar	167	32	32*10	1	June - Dec	
3.	Salipur	167	34	34*10	1	June - Dec	
4.	Mahanga	198	42	42*10	1	June - Dec	
5.	Nischintakoili	83	45	45*10	1	June - Dec	
6.	Baranga	80	31	31*10	1	June - Dec	
7.	Niali	258	27	33*10	1	June - Dec	
8.	Kantapada	89	33	27*10	1	June - Dec	
9.	Athagarh	201	36	36*10	1	June - Dec	
10.	Tigiria	51	12	12*10	1	June - Dec	
11.	Badamba	138	23	23*10	1	June - Dec	
12.	Narasinghpur	249	44	44*10	1	June - Dec	
13.	Banki	110	29	29*10	1	June - Dec	
14.	Banki-Dompada	49	16	16*10	1	June - Dec	
	Total		440				

11.7 Capacity building of Committee and Task Force members

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 CSMMC and FSMMC	725 (25 MCS/ MFS)	29	June - 26	
2	Training of task force members on Search & Rescue	725	29	June - 26	
3	Training of task force members on First Aid	725	29	June - 26	
4	Dist. Level Trg. Of Trainers (SAR & FA)	40 – SAR 40 - FA	1 1	May-June, 2026	

11.8 Shelter level mock drills

Sl. No.	Type	No. of Cyclone/ Flood Shelters to be covered	No. of villages to be covered.	Month/ Date
1	Cyclone Mock drill	29 MFC Buildings, 14 Block Headquarters and District Headquarter	29	July – Aug
2	Tsunami Mock drill	Not Required	Not Required	
3	Flood Mock drill	29 MFC Buildings, 14 Block Headquarters and District Headquarter	29	June –July

- Note: All shelter villages will be covered.

11.9 Apadamitra – Trained Volunteers:

Sl. No	Name of the Block	Total no of Apadamitra
1	Cuttack Sadar	29
2	Baranga	14
3	Kantapada	21
4	Niali	21
5	Banki-1	31
6	Dampara	26
7	Tangi-Choudwar	10
8	Salipur	23
9	Mahanga	23
10	Nischintakoili	18
11	Athagarh	21
12	Tigiria	17
13	Baramba	23
14	Narsinghpur	23
	Total	300

CHAPTER – XII

12.0 Preparedness

12.1 Relief Line Channels: 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	Cuttack	Athagarh	60 Km	Block Head quarter is connected with all Weather road	
2	Cuttack	Banki	54 Km	Block Head quarter is connected with all Weather road	
3	Cuttack	Baramba	98 Km	Block Head quarter is connected with all Weather road	
4	Cuttack	Baranga	15 Km	Block Head quarter is connected with all Weather road	
5	Cuttack	Cuttack Sadar	0 Km	Block Head quarter is connected with all Weather road	
6	Cuttack	Dampada	50 Km	Block Head quarter is connected with all Weather road	
7	Cuttack	Kantapada	32 Km	Block Head quarter is connected with all Weather road	
8	Cuttack	Mahanga	50 Km	Block Head quarter is connected with all Weather road	
9	Cuttack	Narasinghpur	129 Km	Block Head quarter is connected with all Weather road	
10	Cuttack	Niali	47 Km	Block Head quarter is connected with all Weather road	
11	Cuttack	Nischintakoili	40 Km	Block Head quarter is connected with all Weather road	
12	Cuttack	Salipur	30 Km	Block Head quarter is connected with all Weather road	
13	Cuttack	Tangi-Choudwar	15 Km	Block Head quarter is connected with all Weather road	
14	Cuttack	Tigiria	73 Km	Block Head quarter is connected with all Weather road	

1.2 Relief Line Channels: Vulnerabilities of Roads (Block to GPs)

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
1	R.N.Road	0/0	33/0	SH-65	30/300 km to 30/900 km (Submerge)	Tigiria

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
					during high flood)	
		33/0	59/200		-	Baramba
		59/200	80/400		79/800 km to 80/400 km (Submerge during high flood)	Narasinghpur
	Raj-Athagarh Railway station road	0/0	2/200		-	
2	Narasinghpur Hindol road	0/0	23/0	SH-64	-	Narasinghpur
3	Tangi Haripur road	0/0	20/0	MDR - 17	-	Tangi Choudwar
4	Gopamathura Bangurisingha Road	0/0	13/0	MDR-90	5/300 km to 6/0 km (Submerge during high flood)	Baramba
5	NH-42 at Kalinga Chhak to ARC Main gate	0/0	2/0	ODR	-	Tangi Choudwar
6	Charbatia Railway station road	0/0	1/0	ODR	-	Tangi Choudwar
7	Charbatia Mangarajpur road	0/0	9/070	ODR	-	Tangi Choudwar
8	Choudwar Town road	0/0	2/0	ODR	-	Tangi Choudwar
9	Nuntikiri Barpada road	0/0	9/250	ODR	-	Tangi Choudwar
10	Choudwar Canel Emabnkment road	0/0	2/260	ODR	-	Tangi Choudwar
11	NH-5 at Nurgundi Junction to Link road joining to NH-42 at Choudwar	0/0	4/0	ODR	-	Tangi Choudwar
12	OID C.S Road	0/0	37/0	ODR	11/183 km to 13/100 km, 14/0 km to 14/400 km 16/900 km to 20/500 km, 21/100 km to 21/500 km, 24/800 km to 26/0 km (Submerge during high flood)	Tangi Choudwar/ Athagarh
13	Chhatia Kalakala road	0/0	16/500	ODR	-	Barachana
14	Tangi Bypass road	0/0	2/0	ODR		Tangi Choudwar
15	Chhatia Town road	0/0	2/0	ODR		Barachana
16	Chhatia Salepur road	0/0	2/0	ODR	-	Barachana
17	Tangi Bhatimunda road	0/0	5/500	ODR	-	Tangi Choudwar
18	Baruan Balichandrapur road	13/0	23/850	ODR	13/100 km to 14/500 km, 18/0 km to 21/900 km, 22/0 km to 23/850 km (Submerge during	Barachana, Dharmasala

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
					high flood)	
19	Barachana Darpani road	0/0	12/500	ODR	-	Barachana
20	Approach road to Mahavinayak Templer	0/0	1/500	ODR	-	Barachana
21	Approach road to Chandi Templer	0/0	1/500	ODR	-	Barachana
22	Lalitgiri, Udayagiri and Ratnagiri road	0/0	9/050	ODR	5/800 km to 7/0 km (Submerge during high flood)	Bari, Barachana
23	Badachana Balichandrapur road	0/0	12/500	ODR	-	Barachana
24	Bramani Bridge with approach on Ramchandrapur ratnagiri road	0/0	0/700	ODR	0/230 km to 0/465 km (Submerge during high flood)	Barachana
25	Road from NH-5(A) Krushnadaspur to Udayagiri, Ratnagiri road	0/0	18/120	ODR	8/0 km to 9/0 km (Submerge during high flood)	Barachana
26	Athagarh Megha Katakiasahi road	0/0	23/0	ODR	12/100 km to 13/400 km, 15/100 km to 16/450km, 19/400 km to 21/200 km (Submerge during high flood)	Athagarh
27	Athagarh Town road	0/0	8/0	ODR		Athagarh
28	Nidhipur road	0/0	6/500	ODR		Athagarh
29	Oranda Gurudijhatia road	0/0	2/230	ODR		Athagarh
30	Radhakishorepur Gurudijhatia Chhagon Balipur road	0/0	13/700	ODR		Athagarh
31	Mahalaxmipur road	0/0	6/500	ODR		Athagarh
32	Doradadeopada road	0/0	0/930	ODR		Athagarh
33	Rajnagar Kantol road	0/0	4/600	ODR	0/350 km to 0/900 km (Submerge during high flood)	Athagarh
34	Athagarh Kandarpur road	0/0	5/530	ODR	-	Athagarh
35	Chhagon Railway station to Bali road	0/0	5/0	ODR	-	Athagarh
36	Baramba Town road	0/0	2/800	ODR		Baramba
37	Baramba Sankhamari road	0/0	6/0	ODR	3/200 km to 4/200 km (Submerge during high flood)	Baramba
38	Gopapur sasanga road	0/0	6/0	ODR	5/300 km to 6/200 km (Submerge	Baramba

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
					during high flood)	
39	Bindhanima Khandahata road	0/0	14/800	ODR	0/640 km to 1/0 km, 14/300 km to 14/800 km (Submerge during high flood)	Tigiria, Banki
40	Tigiria Town road	0/0	1/500	ODR	-	Tigiria
41	Bindhanima Old road	0/0	1/520	ODR	-	Tigiria
42	Narasinghpur Town road	0/0	4/800	ODR	-	Narasinghpur
43	Narasinghpur Baliput road	0/0	25/0	ODR	23/800 km to 25/0 km (Submerge during high flood)	Narasinghpur
44	Narasinghpur Kakudia road	0/0	4/800	ODR	-	Narasinghpur
45	Chempeswar kanpur road	0/0	5/0	ODR	4/0 km to 5/0 km (Submerge during high flood)	Narasinghpur
46	Ekdal Bagadharia road	0/0	5/0	ODR	1/0 km to 2/700 km (Submerge during high flood)	Narasinghpur
47	Mundali Bridge with approach road	0/0	2/458	ODR	-	Athagarh
48	Khuntakata Subranapur road	0/0	7/150	ODR	6/500 km to 7/0 km (Submerge during high flood)	Banki
49	Maitri Nagar Road	0/0	0/650	ODR	-	Athagarh
50	Utarachandi road	0/0	0/700	ODR	-	Athagarh
51	Totapada Madhurapur road via Radharamanpur	0/0	2/0	ODR	-	Athagarh
52	Ramashyamapur to Bishnupur road	0/0	2/100	ODR	-	Athagarh
53	Khuntuni truck Association to Khuntuni Bus stand	0/0	1/100	ODR	-	Athagarh
54	Electric office to Athagarh Stadium road	0/0	1/0	ODR	-	Athagarh
55	Old C.S. road to Indranipatna	0/0	1/500	ODR	-	Tangi Choudwar
56	Bali Baula to Pahilabara, Jemadeipur road	0/0	5/0	ODR	-	Athagarh
57	Railway level crossing road Sankarpur to Badasamantarapur road	0/0	3/755	ODR	-	Tangi Choudwar
58	Mangarajpur to Rajbati road	0/0	1/200	ODR	-	Tangi Choudwar

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
59	Rajbati to Kochilanuagaon road	0/0	4/0	ODR	-	Tangi Choudwar
60	Rajbati to Ambilijhari road	0/0	3/800	ODR	-	Tangi Choudwar
61	Krushnadaspur NH 5A to Sipura	0/0	0/965	ODR	0/0 km to 0/965 km (Submerge during high flood)	Mahanga
62	Dasarathipatnana Transformer to Charigharia Chhak via Mandapada Church	0/0	3/500	ODR	-	Tangi Choudwar
63	Birupa left to Balapur boundary wall via Harinathpur	0/0	2/500	ODR	-	Tangi Choudwar
64	Fulnakhara Niali Madhab road	Fulnakhara	Madhab	35.500		Kantapadq,Niali and Baranga
65	Bagalpur-Sailo Jharapada road	Bagalpur	Jharapada	11		Kantapada
66	Olatpur Hospital road	Nialimadh ab	Olatpur Hospital	0.500		Kantapada
67	Old Cuttack-Puri road	NH-5	Sakhapatana	4.000		Cuttack Sadar
68	Jharapada to Ichhapur roaad	Jharapada	Ichhapur	7.700		Kantapadda
69	Kantapada to Kendubilwa road	Kantapada	Kendubilwa (Jayadev Pitha)	6.000		Kantapada,Balia nta
70	Bachhasailo -- Sithalo Bridge embankment to Alipingal Bachhasailo bridge with approach till Sithalo Square road	Sithalo Bridge	Bachhasailo	6.000		Niali
71	Sithalo to Adaspur road	Sithalo	Adaspue	6.000		Niali,Kantapada
72	Taandikana Arisol road	Tandikana	Arisol	1.400		Kantapada
73	Fly Over to Jail Road Via - Dolamunai, Seminary Chhak From 0/0km to 2/300 km.			ODR & 2/300 Km.		Under CMC, Cuttack
74	NH5 to Kosthashram (Old Jagannath road)			ODR & 5/100 Km.		Under CMC, Cuttack

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
	From 0/0km to 5/100 km.					
75	Badambadi Madhupatna (Link Road) From 0/0km to 2/200 km.			ODR & 2/200 Km.		Under CMC, Cuttack
76	Old Malgodown to New Malgodown From 0/0km to 2/0 km.			ODR & 2 Km.		Under CMC, Cuttack
77	Malgodown Thakuraghar to Taladanda canal to Nuasahi From 0/0km to 1/300 km.			ODR & 1/300 Km.		Under CMC, Cuttack
78	Press Chhak to Nuapada From 0/0km to 1/100 km.			ODR & 1/100 Km.		Under CMC, Cuttack
79	Mangala Mandir to Dr. D. Sahoo residence via Sanjibani Chhak Cuttack. From 0/0km to 1/500 km.			ODR & 1/500 Km.		Under CMC, Cuttack
80	Jagannath Temple to connecting road in the district of Cuttack. From 0/0km to 0/650 km.			ODR & 0/650 Km.		Under CMC, Cuttack
81	NH-5 to Puri Main canal via - Kudasahi, Cuttack From 0/0km to 1/0 km.			ODR & 1 Km.		Under CMC, Cuttack
82	Bisinabar Main Road from 0/0 km to 0/600 & 0/200km to 0/290km in the district of Cuttack			ODR & 1 Km.		Under CMC, Cuttack
83	Sani Mandir to Mahima Nagar via - Cuttack College, Cuttack From 0/0km to 0/500 km.			ODR & 0/500 Km.		Under CMC, Cuttack

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
84	Kathjodi Embkt to Danda Mahavir Temple at Srikoruan, Cuttack From 0/0km to 0/700 km.			ODR & 0/700 Km.		Under CMC, Cuttack
85	Nuapada Village to Tilottama Das House at Balisahi, Cuttack From 0/0km to 0/700 km.			ODR & 0/700 Km.		Under CMC, Cuttack
86	Purighat to Jublee tower via - Town Hall (Choudhury Bazar) Cuttack From 0/0km to 1/0 km.			ODR & 1 Km.		Under CMC, Cuttack
87	Bajrakabati Culvert to Chhatra Bazar Professor Para Culvert (MSWC) road, Cuttack From 0/0km to 0/500 km.			ODR & 0/500 Km.		Under CMC, Cuttack
88	Ultra Hospital to Kendrapara Canal, Cuttack From 0/0km to 0/700 km.			ODR & 0/700 Km.		Under CMC, Cuttack
89	Plot No. 1051 to Ramakanta Lenka Res. Along with U.G.M.E School and Womens College lane at Mahanadivihar, Cuttack. From 0/0km to 0/980 km.			ODR & 0/980 Km.		Under CMC, Cuttack
90	Ananta Gopal Ashram to Sikharpur Chhak via - Justice Chhak at Mahanadivihar. From 0/0km to 1/500 km.			ODR & 1/500 Km.		Under CMC, Cuttack
91	Celebration Mandap to Jagannath temple and Sub-lane at Mahanadivihar Ward No.43. From 0/0km to 0/560 km.			ODR & 0/560 Km.		Under CMC, Cuttack

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
92	Shakti Hospital to P.C Samal Res. At Mahanadivihar. From 0/0km to 0/320 km.			ODR & 0/320 Km.		Under CMC, Cuttack
93	Mahanga to Katikata Road via - Chatratota-Goudpada From 0/0km to 20/610 km.			ODR & 20/610 Km.		Under CMC, Cuttack
94	Jhinkiria-Bentakara-Chanduli road (17.20 Km). From 0/0km to 17/200 km.			ODR & 17/200 Km.		Under Sadar Block, Ctc.
95	Old Jagannath Sadak PWD road to Reliance Fresh via Sabarmati Hospital, Mahandi Vihar. From 0/0km to 1 km.			ODR & 1 Km.		Under CMC, Cuttack
96	Gosala Jagannath Sadak to Darkhapatna Jagabandhu Sahu Lane From 0/0km to 1 km.			ODR (ULB) & 1 Km.		Under CMC, Cuttack
97	Mahanadi Vihar R&B Road to Jagannath Sadak via Binayak Nagar. From 0/0km to 1 km.			ODR (ULB) & 1 Km.		Under CMC, Cuttack
98	Cuttack-Govindpur-Banki-Simar road Balikuda to Tulasipur			MDR-77 51.70 Km.		Baranga Block-15 Km. Banki-Damapada Block-36.70 Km.
99	Banki-Baideswar-Kalapathar road Banki to Kalapathar			ODR 26.00 Km.		Banki-Dampada Block-7 Km. Banki Block-19 Km.
100	Right Approach to Mundali road Mundali Bridge to Govindpur			ODR 3.80 Km.		Under Banki-I Block
101	Trisulia-Barang road Trisulia to Baranga			MDR-77 4.98 Km.		Under Baranga Block
102	Baranga Bye Pass road			ODR 1.60 Km.		Under Baranga Block

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
	Baranga to Nandankanan					
103	Jatamundia-Subarnapur road jatamundia to Subarnapur			ODR 3.877 Km.		Banki-Dampada Block-0.52 Km. Banki Block-3.357 Km.
104	Banki-Kacheri Road Banki post office chhak to Medical chhak			ODR 3.00 Km.		Under Banki-Dampada Block
105	Road Jagannath Temple to connecting road PWD road to MDR-77 Sisua			ODR 0.60 Km.		Under Banki-Dampada Block
106	Baranga Block Square to Dhakulei connecting NH-5 Baranga to NH-5			ODR 5.951 Km.		Baranga Block-4.0 Km. Cuttack Sadar Block-1.951 Km.
107	Nischit koili Lalitgiri			ODR - 22.40 km		Nischit koili - 0/0 to 7/0 km. Mahanga - 7/0 to 22/40 Km.
108	Mahanga katikata			ODR - 20.61 km		Mahanga - 0/0 to 14/0 Km. Nischit koili - 14/0 to 20/610 Km.
109	Nischit koili block chhak Narendrapur			ODR - 18.112 km		Nischit koili - 18/112 Km.
110	Barkolia Nagesh pur			ODR - 8.28 km		Nischit koili - 8/28 Km.
111	khaira pola Asureswar			ODR - 34.00 km		CTC, Municipality - 0/0 to 3/0 Km. Salipur - 3/0 to 18/0 Km. Nischit koili - 18/0 to 34/0 Km.
112	Paga Gopinathpur kuan pal			ODR - 17.882 km		Salipur - 0/0 to 9/800 Km. Mahanga - 9/800 to 17/882 Km.
113	Kuan pal Balichandrapur			ODR - 7.00 km		Mahanga - 0/0 to 5/800 Km. Badachana - 5/800 to 7/0 Km.

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
114	Balichandrapur Lalitgiri			ODR - 7.00 km		Badachana - 0/0 to 2/40 Km. Mahanga 2/40 to 5/20 Km. Badachana 5/20 to 7/0 Km.
115	Salipur Chhatia			ODR - 28.06 km		Salipur - 0/0 to 9/500 Km. Mahanga - 9/500 to 28/060 Km.
116	Kulia kendupatna			ODR - 1.504 km		Nischintikoili - 0/0 to 1/504 Km.
117	Nischitkoili medical Chhak G P office			ODR - 2.27 km		Nischintikoili - 0/0 to 2/27 Km.
118	Old cuttack SBP road (Barrage chhak) R D office Chhak			ODR - 2.90 km		Tangi Choudwar - 0/0 to 2/900 Km.
119	Ultra hospital Pattamundai canal			ODR - 0.675 km		Tangi Choudwar - 0/0 to 0/675 Km.
120	Birupa Barrage Sunakhala			ODR - 5.00 km		Tangi Choudwar - 0/0 to 5/00 Km.
121	Paga Gopinathpur			ODR - 6.37 km		Salipur 0/0 to 6/370 Km.
122	Cuttack Chandbali road(Jagat pur) Sukar pada			ODR - 34.00 km		CTC, Municipality - 0/0 to 3/0 Km. Salipur - 3/0 to 22/0 Km. Nischit koili - 22/0 to 34/0 Km.
123	Nischit koili Lalitgiri			ODR - 22.40 km		Nischit koili - 0/0 to 7/0 km. Mahanga - 7/0 to 22/40 Km.
124	Mahanga katikata			ODR - 20.61 km		Mahanga - 0/0 to 14/0 Km. Nischit koili - 14/0 to 20/610 Km.
125	Nischit koili block chhak Narendrapur			ODR - 18.112 km		Nischit koili - 18/112 Km.
126	Barkolia Nagesh pur			ODR - 8.28 km		Nischit koili - 8/28 Km.

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
127	khaira pola Asureswar			ODR - 34.00 km		CTC, Municipality - 0/0 to 3/0 Km. Salipur - 3/0 to 18/0 Km. Nischit koili - 18/0 to 34/0 Km.
128	Paga Gopinathpur kuan pal			ODR - 17.882 km		Salipur - 0/0 to 9/800 Km. Mahanga - 9/800 to 17/882 Km.
129	Kuan pal Balichandrapur			ODR - 7.00 km		Mahanga - 0/0 to 5/800 Km. Badachana - 5/800 to 7/0 Km.
130	Balichandrapur Lalitgiri			ODR - 7.00 km		Badachana - 0/0 to 2/40 Km. Mahanga 2/40 to 5/20 Km. Badachana 5/20 to 7/0 Km.
131	Salipur Chhatia			ODR - 28.06 km		Salipur - 0/0 to 9/500 Km. Mahanga - 9/500 to 28/060 Km.
132	Kulia kendupatna			ODR - 1.504 km		Nischintikoili - 0/0 to 1/504 Km.
133	Nischitkoili medical Chhak G P office			ODR - 2.27 km		Nischintikoili - 0/0 to 2/27 Km.
134	Old cuttack SBP road (Barrage chhak) R D office Chhak			ODR - 2.90 km		Tangi Choudwar - 0/0 to 2/900 Km.
135	Ultra hospital Pattamundai canal			ODR - 0.675 km		Tangi Choudwar - 0/0 to 0/675 Km.
136	Birupa Barrage Sunakhala			ODR - 5.00 km		Tangi Choudwar - 0/0 to 5/00 Km.
137	Paga Gopinathpur			ODR - 6.37 km		Salipur 0/0 to 6/370 Km.
138	Cuttack Chandbali road(Jagat pur) Sukar pada			ODR - 34.00 km		CTC, Municipality - 0/0 to 3/0 Km. Salipur - 3/0 to 22/0 Km. Nischit koili - 22/0 to 34/0

Sl. No	Name of the road			Type of road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Block)
	Road Name	From (In Km)	To (In Km)			
1	2	3	4	5	6	7
						Km.

12.3 Resources available: Response force & Volunteers

Sl. No	Response Force/	Capacity (In Nos.)	No. of trained person		
			Search /Rescue	First Aid	Relief line Clearance
1	NDRF	1065	1065		
2	ODRAF	43	43		
3	Police	464	NA		
4	Home Guards	492	NA		
5	Civil Defence	143			
6	NCC				
7	NSS	72			
8	NYK	15			
9	Trained Task force	1250	1250		

12.4 Preparedness at District level:

Task	Activity
District Emergency operation Centre (DEOC)	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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 • Instruct CESU, PHED, RD, RWSS & CDMO to arrange DG sets in advance to restore electricity immediately after any emergency situation. • Instruct CSO, Commissioner of Municipality and Eos of different NACs & BDOs to arrange the dry foods for immediate need during emergency situation.
Capacity	<ul style="list-style-type: none"> • Identifying & designating Nodal Officer for different Dept.

Task	Activity
Building	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 1
Planning & Reporting	<ul style="list-style-type: none"> 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

12.5 Preparedness at Community Level

Task	Activity
Early Warning Dissemination	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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

	<ul style="list-style-type: none"> • 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
--	---

12.6 Preparedness at Family Level

Task	Activity
Warning Communication	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Participate & involve in the activities of village disaster Management plan, preparation of Safety plans, participate in Capacity building Programmes & involve in Mock Drills

12.7 Preparedness at Individual Level

Task	Activity
Early Warning Dissemination	<ul style="list-style-type: none"> • List & keep a ready to go minimum Important requirements • Record the Safe & alternative routes to shelter • Keep News update in Radio/TV
Ensuring Preparedness	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Participate & involve in the activities of • Disaster Management • Safety plans

	<ul style="list-style-type: none"> • Capacity building Programmes • Mock Drills & FAMEX
--	---

12.8 Preparedness of Departments

Name of the Department	Normal Time
Collector/ADM / Emergency Officer	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 • List out the staff with contact address • Stock position of the sub-center and PHC/ AWCs • Prepare the plan and indent for stock • Train paramedical staff/ ANMs/ Male Health Workers/ Volunteers/ Task Forces/ Anganwadi Workers for use and providing minimum health services to the community. • Arrange for mobile health unit for inaccessible areas • DDC at village level • Health Awareness Campaign • Reinstall telephone connection • Arrangement of vehicle for uninterrupted mobility • Repair of Sub Centers buildings • Registration of Birth/ Death and other vital events • Dis-infections of Drinking water Sources thrice before flood season at least, one month before
Superintendent of Police (SP)	<ul style="list-style-type: none"> • Ensure functioning of the warning system. • Formation of team • Delegation of areas • Formation of Zones/ Sub-Zones

Name of the Department	Normal Time
Revenue Department	<ul style="list-style-type: none"> • Holding of natural calamity meeting in the month of May and October. • Joint inspection • Formation of Zones/ Sub-Zones • Review progress • Arrangement of boats and transport, based on the risk assessment, for evacuation • Provision/ arrangement of rescue kit at risk prone area. • Equipments to be ready • Formation of team • Delegation of areas
EE- RWSS	<ul style="list-style-type: none"> • Installation of tube-wells • Site visit and report preparation • Awareness generation for using bleaching • Helping BDO during emergency • Supply of drinking water during emergency • Site selection and water test in Palasuni (BBSR) • Collection and storing of K-018H2s test stripe, bottle, bleaching, halogen tablets, tube well accessories • Area wise deployment of staff, fitter, Mason, APD • Arrange DG sets for restoring the water supply immediately after Disaster.
EE- Irrigation	<ul style="list-style-type: none"> • Holding of natural calamity meeting in the month of May and October • Awareness Generation • Formation of Zones/ Sub- Zones • Review Progress • Provision/ arrangement of sand bags in risk prone area • Equipments to be ready • Formation of team • Arrangement of vehicle • Delegation of areas
Animal Resource Development Department	<ul style="list-style-type: none"> • List out staff members with contact address • Vaccination of cattle population • Provision of supply of yearly medicines • Arrangement of mobile health units in inaccessible areas • Health awareness campaign • Arrangement of vehicle for uninterrupted mobility • Repair of LI centers and other necessary equipments
DAO- Agriculture	<ul style="list-style-type: none"> • Information provided about the disaster and likely damages to crop and plantation • Organized transport, storage and distribution of seeds/fertilizers/pesticides • Cleaning operation carried out to avoid water-logging and salinity

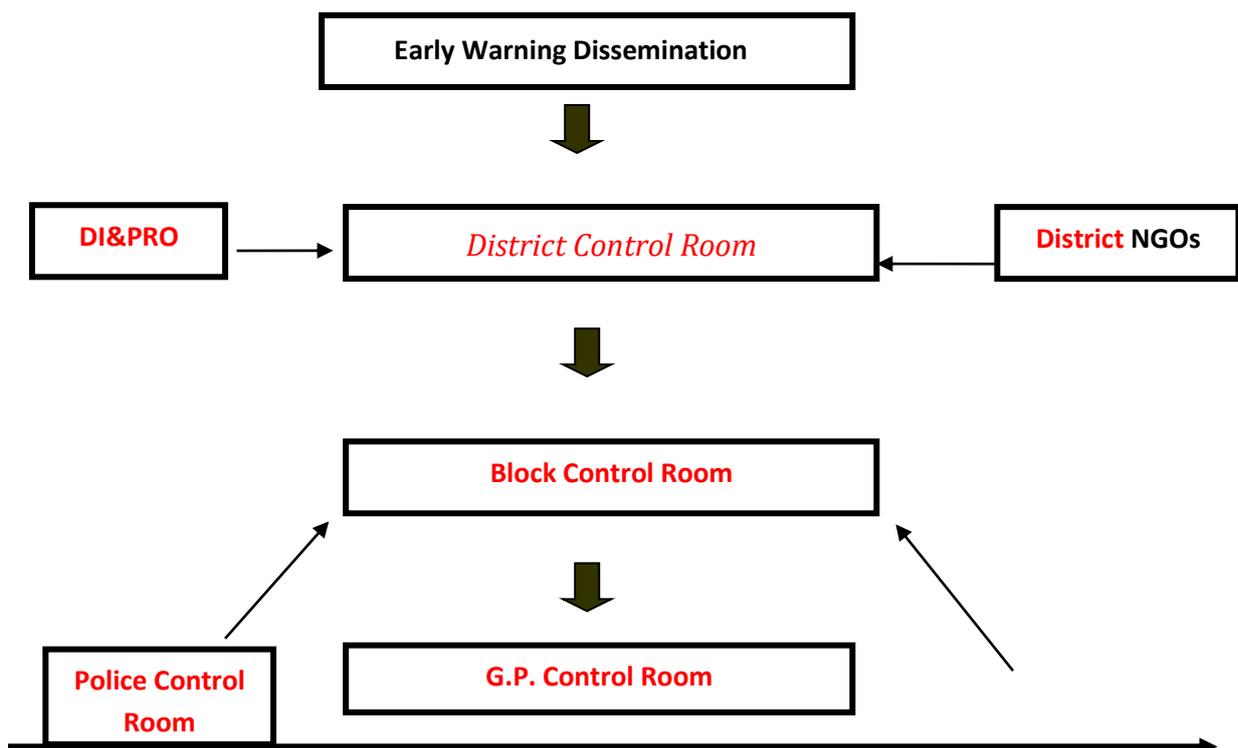
Name of the Department	Normal Time
	<ul style="list-style-type: none"> • Surveillance for pests and diseases being carried out. • Establishment of public information centers requirements for salvage or re-plantation assessed damage. • Identification of different areas to be affected by different hazard • Listing of irrigation sources with status.
EE- Rural Works	<ul style="list-style-type: none"> • Route strategy for evacuation and relief marked will be prepared • Clearance of blocked village roads • Community assistance mobilized for road clearing. • All staff informed about the disasters, likely damages and effects
EE- Public Works	<ul style="list-style-type: none"> • Route strategy for evacuation and relief marked will be prepared • Clearance of blocked roads • Community assistance mobilized for road clearing. • All staff informed about the disasters, likely damages and effects
DTO-Telecom	<ul style="list-style-type: none"> • Inspection and repair of poles etc. • Standby arrangements for temporary electric supply or generators • Identification of materials required for response operations • All staff informed about the disasters, likely damages and effects
CDVO	<ul style="list-style-type: none"> • Availability of food stuffs for the animals • Availability of vaccines and medicines for animals • Regular check up of animals by mobile health unit • Sensitize the public about the animal care • Ensuring of basic infrastructure i.e. veterinary hospitals and mounds • Availability of Doctors and other staff
RTO/MVI	<ul style="list-style-type: none"> • Regular checking of DL and other documents of vehicles • Awareness about road safety in roads by displaying hoardings • Patrolling in night to detect the drunk drivers • Regular checking for over loading vehicles in public transport • Heavy penalty for the road rule breakers
DFO-	<ul style="list-style-type: none"> • Avoid the fire in forests • Fire fighting items and water availability in order to tackle forest fire. • Special team formation to capture the thieves of forest products
Railway	<ul style="list-style-type: none"> • Regular inspection of railway lines in order to avoid rail accidents • Regular maintenance of the electronic equipments • Capacity building of staffs in order to tackle the disaster situation • Fire fighting items should be regularly checked

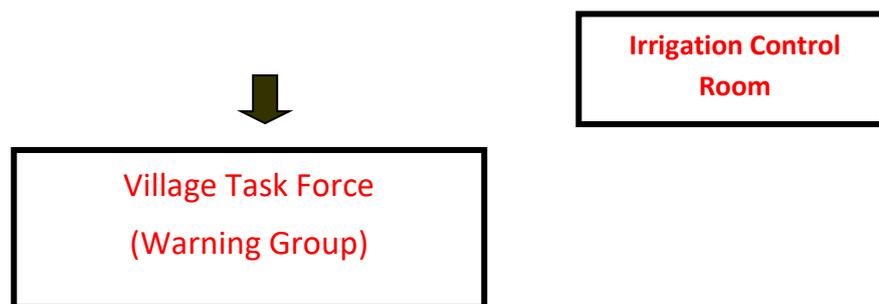
Name of the Department	Normal Time
	<ul style="list-style-type: none"> • Availability of water in order to avoid the fire accident situations is stations.
EE- Electricity	<ul style="list-style-type: none"> • Regular identification of faults • Regular checking and repair of weak points. Transformers • Stockpiling of equipments/ accessories • Skill development training / orientation • Precautions/ protections near high voltage electric equipments installed • Stopping illegal consumption of electricity • Arrange DG sets in advance for immediate restoration of electricity.
EE - PHED	<ul style="list-style-type: none"> • Super chlorination of water sources • Sinking pump machines • Installation of water storage tanks • Installation of DG sets at pumping stations.
DEO- School & Mass Education	<ul style="list-style-type: none"> • Repairing of school buildings • Repairing of roads and approaches to school buildings • Creating awareness among the parents & students regarding different disasters
DEO - Higher Secondary Education	<ul style="list-style-type: none"> • Repairing of college buildings • Repairing of roads and approaches to college buildings • Creating awareness among the parents & students regarding different disasters
Non Government Organisations (NGOs)	<ul style="list-style-type: none"> • IEC activities on disaster management • Community mobilization • Ensure regular meeting of NGO co-ordination cell • Disseminate all govt. aided programme to the community • Ensure regular mock drill • Ensure regular bleaching / use disinfectants in the drinking water sources • Organize workshops seminar meeting/ training on community based disaster management • Long term mitigation strategies

CHAPTER – XIII

13.0 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. Effective response planning requires realistic identification of likely response functions, assignment of specific tasks to individual response agencies, identification of equipment, supplies and personnel required by the response agencies for performing the assigned tasks. A response plan essentially outlines the strategy and resources needed for search and rescue, evacuation, etc.





Response plan of Cuttack district describes standard response mechanism as directed in ‘Odisha Relief Code’. It also describes standard operating procedures for line department in response and relief operations. The resources to be used in response like boats, Shelters, storage locations, medical institutions etc. are given for ready reference. Rapid loss and damage assessment format is also attached with plan.

Incident Response System

IRS System for Smooth Management of Disasters

The Incident Response System (IRS) plays a crucial role in ensuring a coordinated and efficient disaster response in Odisha, India. The National Disaster Management Authority (NDMA) has issued guidelines on the IRS under Section 6 of the Disaster Management Act, 2005 to enable effective disaster management in the country. In Odisha District Level IRS system implemented vide Order No.- 4695 Dt. 29.08 2023 and Block Level IRS system implemented vide Order No.- 5554 Dt. 20.10.2023.

Odisha, by following these guidelines, has been able to strengthen and standardize its disaster response mechanism, with the aim of minimizing loss of life and property. The State and District IRS focuses on several key aspects:

- Training officers in their designated roles: Odisha ensures that officers are well-trained and prepared to fulfil their specific responsibilities during disaster response.
- Emphasizing proper documentation of activities: Thorough documentation of all response efforts is prioritized to enable better coordination, accountability, and learning for future improvements.
- Creating a composite team with diverse skills: Odisha has built a skilled and multidisciplinary team to address all the requirements of the disaster response, from search and rescue to relief distribution and rehabilitation.

The Incident Response System is like a playbook for handling disasters in India. Its main goal is to make sure that when a disaster strikes, we can respond quickly and effectively to save lives and protect property. Even though India has done a good job in the past, there are still some things we can improve on. The response to disasters needs to be more organized, fast, and well thought out.

The Incident Response System sets up a team with different roles to handle all aspects of a disaster. It trains officers to know what to do and when to do it. It also stresses the importance of keeping good records of everything that happens during a disaster. This helps us plan better, keep track of what's going on, and avoid confusion. With the Incident Response System in place, everyone will know their job, who's in charge, and how to handle any situation that comes our way.

Incident Commander Major Responsibilities and Duties

The person in charge of everything that happens during an incident or event is called the Incident Commander. Even if some roles are not filled, there will always be an Incident Commander making sure things run smoothly.

The Incident Commander has a wide variety of responsibilities. First, we will look at the overall list, followed by a more detailed review of several of the responsibilities.

- ✓ Assess the situation and/or obtain a briefing from the prior Incident Commander.
- ✓ Determine incident objectives and strategy.
- ✓ Establish the immediate priorities.
- ✓ Establish an Incident Command Post.
- ✓ Establish an appropriate organization.
- ✓ Ensure planning meetings are scheduled as required.
- ✓ Approve and authorize the implementation of an Incident Action Plan.
- ✓ Ensure that adequate safety measures are in place.
- ✓ Coordinate activity for all Command and General Staff.
- ✓ Coordinate with key people and officials.
- ✓ Approve requests for additional resources or for the release of resources.
- ✓ Keep agency administrator informed of incident status.
- ✓ Approve the use of students, volunteers, and auxiliary personnel.
- ✓ Authorize release of information to the news media.
- ✓ Order the demobilization of the incident when appropriate.

Three Major Sections of Incident Response System:

- The Operations Section is in charge of telling everyone what to do to reach the goals of the incident.
- The Planning Section collects and evaluates all the information about the incident, keeps track of resources, and makes a plan for what needs to be done.
- The Logistics Section makes sure that everything needed for the incident is provided. This includes services and support. In Logistics, there is also a Finance branch that keeps track of costs, personnel, equipment, and contracts related to the incident.

Responsible Officers (ROs) have been designated at the State and District level as overall in charge of the incident response management. The Responsible Officer may delegate responsibilities to the Incident Commander (IC), who in turn will manage the incident through Incident Response Teams (IRTs).

Incident Response Teams:

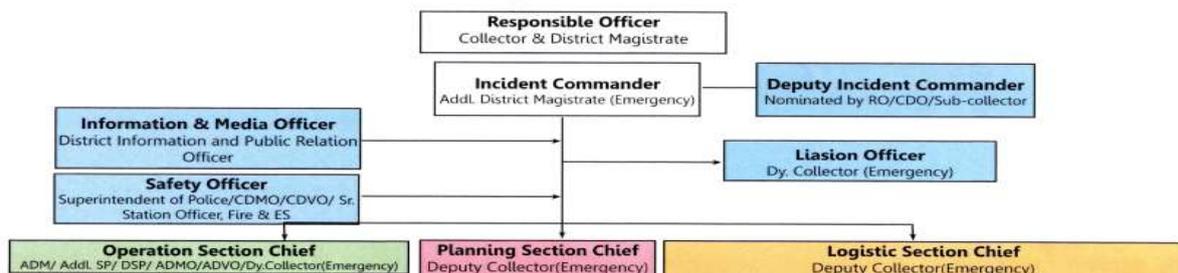
The Incident Response Team (IRT) is like a group of rescuers within the IRS organization, led by the Incident Commander. The Operations Section is in charge of planning and carrying out different missions needed to respond to disasters. The Planning Section gathers information and creates plans to help the team succeed. The Logistics Section makes sure the team has all the resources they need to get the job done. The IRTs work at different levels like State, District, Sub-Division, and Tehsil/Block. They are ready to go into action when they receive a warning about a disaster. If a disaster happens suddenly, the local IRT will jump into action and contact the Responsible Officer for backup if needed.

The IRS is like a resource team that can change its members depending on the situation. Not all parts of the team need to be working at the same time - only the ones that are needed for a specific problem. Each part of the team that is working needs to have a leader to make sure everything gets done. Sometimes, one leader might have to take care of more than one group because there aren't enough people. When the problem is solved, the parts of the team that aren't needed anymore should take a break so that the team isn't too big and resources are used wisely.

By implementing these measures, Odisha is better equipped to respond swiftly, effectively, and comprehensively to disasters, ensuring a more organized and impactful disaster response effort.

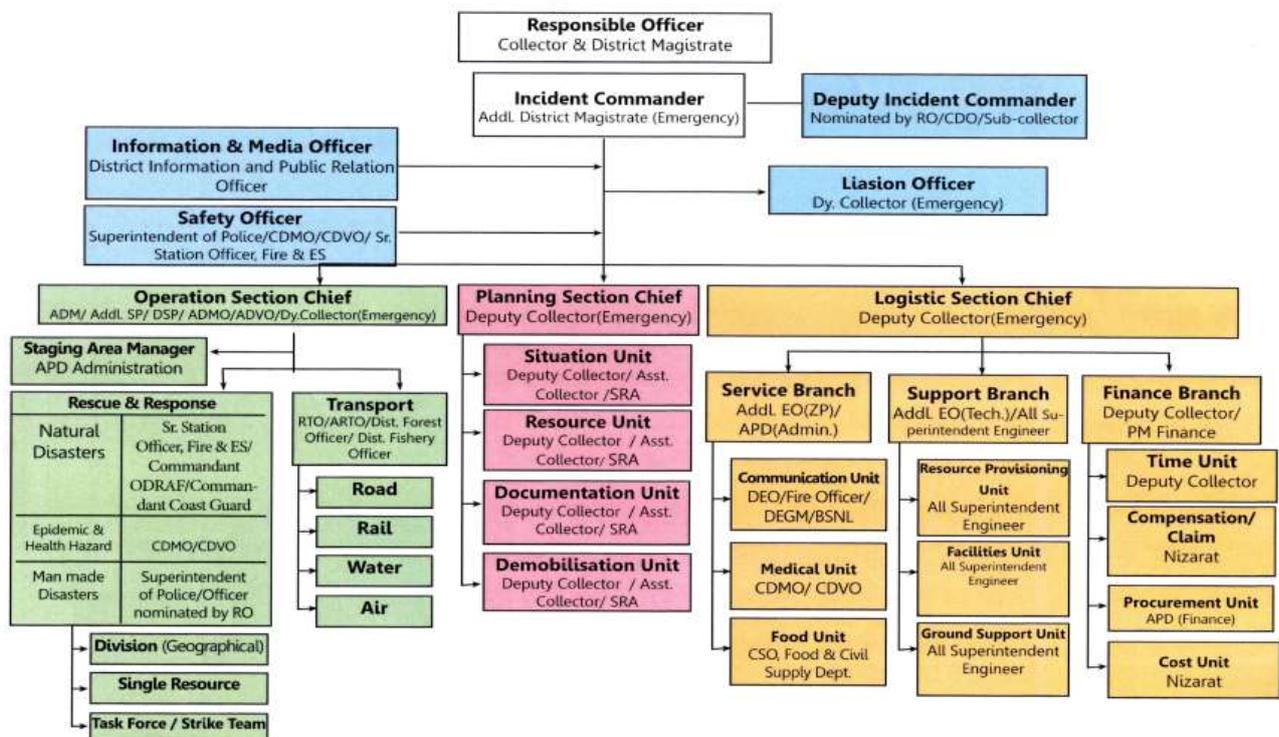
INCIDENT RESPONSE TEAM - DISTRICT LEVEL

Annexure-I

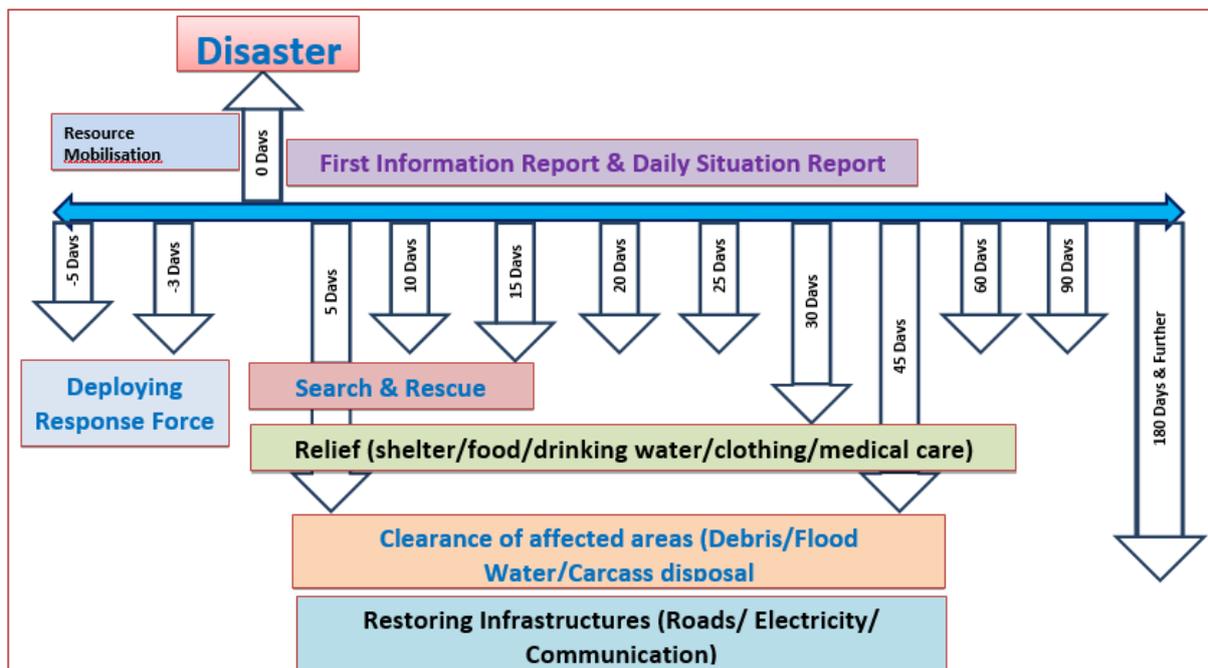


INCIDENT RESPONSE TEAM - DISTRICT LEVEL

Annexure-I



13.1 Phases of Response: Timeline



13.2 Response

Response: District Task	Activity
Warning Communication	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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)

Response: District Task	Activity
	<ul style="list-style-type: none"> • 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.
Response	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Collector to collect & transmit First Information Report (FIR) & Daily Situation Report as per requirement

13.3 Response: Community Level

Activity
<ul style="list-style-type: none"> • DEOC to disseminate 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

13.4 Response: Family & Individual Level

Task	Activity
Response	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Maintain cleanliness & hygiene at shelter
--	---

13.5 Response: Standard Operating Procedures for Departments

Name of the Department	On Receiving Warning	Response time	Post Disaster
Collector/ ADM /	<ul style="list-style-type: none"> • Review the situation in DDMC • Activate EOC & Early Warning • Work distribution for operation • Circular to keep offices open • Arrange vehicle & activate Evacuation (Normal/Forceful) • Holding of natural calamity meeting in the month of May and October. • Joint inspection • Formation of Zones/Sub-Zones • Review progress • Arrangement of boats and transport, based on the risk assessment, for evacuation • Provision/arrangement of rescue kit at risk prone area. • Equipment to be ready • Formation of team • Delegation of areas • Close contact with EO • Informing all concerned /public through revenue field Functionaries • Alert revenue officials to remain at the Head Quarter 	<ul style="list-style-type: none"> • Activate Search & Rescue • Arrange temporary shelters • Arrange logistics in shelters • Workout financial estimates (evacuation / relief /recovery) • Collection of on the spot report from field functionaries • Dissemination of day to day position about the disaster at all levels • Liaison with block 	<ul style="list-style-type: none"> • Activate relief line clearance • Proper relief Distribution • Start damage assessment • Facilitate Ex-gratia & Compensation • Start primary damage estimate • Pool resources for SAR/shifting of critical patients • Collection of on the spot report from field functionaries • Dissemination of day to day position about the disaster at all levels • Liaison with district, sub-division and down the line
Emergency Officer	<ul style="list-style-type: none"> • Setting up Control Room and ensuring round the clock functioning • Assignment of duties to the District Level officials and Sub collectors/Tahasildars/BDO • Arrangement of vehicles and public announcement system with RTO & DIPRO for warning dissemination • NGO coordination and assignment of duty • Proper record keeping and transmission of information to all the levels • Early warning to fishermen • Holding of Natural Calamity meeting • Ensure proper maintenance and functioning of warning s 	<ul style="list-style-type: none"> • Dissemination of information regarding status of the disaster & submission of report to state, INGOs and media. • Try to check rumors. 	<ul style="list-style-type: none"> • Providing information about the precedence of disaster and information about the relief and rehabilitation programme undertaken by the district administration.

Name of the Department	On Receiving Warning	Response time	Post Disaster
	& communication systems <ul style="list-style-type: none"> • Awareness generation among public on natural hazards • Ensure Mock drill • Monitor functioning of DCR round the clock • Coordination with District Level officials and Sub collectors/ Tahasildars/BDOs • Coordination with RTO/DIPRO for vehicles and public announcement system for warning dissemination • NGO coordination and assignment of duty • Proper record keeping and transmission of information to all the levels • Holding of DDMC meeting • Ensure proper maintenance and functioning of warning s & communication systems 		
CDMO	<ul style="list-style-type: none"> • 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 • Measures to dis –infect drinking water • Availability of Blood Banks/Ambulance 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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
Superintendent of Police (SP)	<ul style="list-style-type: none"> • Ensure functioning of the warning system. • Formation of team • Delegation of areas • Formation of zones/Sub-Zones • Keeping close contact with DEO • Deploy personnel to guard vulnerable embankment points • Alert Police officials to remain at the Head Quarter 	<ul style="list-style-type: none"> • Collection of vital information • Inform DEO after getting authentic message 	<ul style="list-style-type: none"> • Support District officials and volunteers during search and rescue operation • Assist fire brigade personnel in their efforts • Maintain law and order situation
EE- RWSS	<ul style="list-style-type: none"> • Installation of tube-wells • Site visit and report Pre-Paraphrasing • Awareness generation for using bleaching 	<ul style="list-style-type: none"> • Coordination of the information and keeping a strict vigil over the situation and act accordingly. 	<ul style="list-style-type: none"> • Damage assessment • Identification of areas for clearance • Delegation of team • Monitoring of work

Name of the Department	On Receiving Warning	Response time	Post Disaster
	<ul style="list-style-type: none"> • Helping BDO during emergency • Supply of drinking water during emergency • Site selection and water test in Pallasuni (BBSR) • Collection and storing of K-018H2s test stripe, bottle, bleaching, halogen tablets, tube well accessories • Area wise deployment of staff, fitter, Mason, APD • 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. 	<ul style="list-style-type: none"> • Maintenance of record for information generation and dissemination. • Co-ordinate with District Administration 	<ul style="list-style-type: none"> • Proposal to the government for repair and restoration
EE- Irrigation	<ul style="list-style-type: none"> • Holding of natural calamity meeting in the month of May and October • Awareness generation • Formation of Zones/Sub-zones • Review progress • Provision/ arrangement of sand bags in risk prone area • Equipment to be ready • Formation of team • Arrangement of vehicle • Delegation of areas • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Damage assessment • Identification of areas for clearance • Delegation of team • Monitoring of work • Proposal to the government for repair and restoration

Name of the Department	On Receiving Warning	Response time	Post Disaster
	regarding water level and velocity of flowing water in the rivers as well as about		
DAO- Agriculture	<ul style="list-style-type: none"> Review and update precautionary agricultural measures Check available stock of equipment and materials Stock agricultural equipment 	<ul style="list-style-type: none"> Determine what damage, pests or disease may be expected Determine what drugs and insecticide item will be required 	<ul style="list-style-type: none"> Provide information to all concerned about diseases, likely damage to crop and plantation Inform ways to protect crop and plantation
EE- Rural Works	<ul style="list-style-type: none"> Identification of weak-points Repair of weak roads/structures/canals before hazard season Stockpiling of building material Arrangement of equipment for road clearance 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. 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Damage assessment Identification of areas for clearance Delegation of team Monitoring of work Proposal to the government for repair and restoration
EE- Public Works	<ul style="list-style-type: none"> Identification of weak-points Repair of weak roads/structures/canals before hazard season Stockpiling of building material Arrangement of equipment for road clearance Suspension or cancellation of all leaves of instruction to the concerned persons to join head quarter immediately. Arrangement of all-important telephone line and number in order. Maintenance of record for information generation and dissemination Co-ordinate with District Administration Clearance of Roadside dead trees posing threat to communication, life and electricity 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Damage assessment Identification of areas for clearance Delegation of team Monitoring of work Proposal to the government for repair and restoration

Name of the Department	On Receiving Warning	Response time	Post Disaster
DTO-Telecom	<ul style="list-style-type: none"> All buildings, towers and equipment sites should be well equipped with adequate protection measures like fire detection and extinguishing systems etc. Wherever feasible, critical equipment should be repaired immediately Ensure supply of fuel for back-up generators 	<ul style="list-style-type: none"> Co-ordinate with District Administration 	<ul style="list-style-type: none"> Co-ordination of the requirement of temporary telecommunication services in the affected areas Co-ordination for restoration of telecommunication services Store backup spares and fuel in an accessible and secured area Use alternate means of power like solar panel etc., wherever possible.
CDVO	<ul style="list-style-type: none"> List out staff members with contact address Vaccination of cattle population Provision of supply of yearly medicines Arrangement of mobile health units in inaccessible areas Health awareness campaign Arrangement of vehicle for uninterrupted mobility Repair of LI Centers and other necessary equipment On receipt of warning ask all the staff to join duty immediately Deployment of staff to the inaccessible areas Regular maintenance of records Coordination with higher authorities 	<ul style="list-style-type: none"> Record keeping Information dissemination to concerned quarters (Sub-Divisional Vet. Officer) Maintenance of regular flow of information 	<ul style="list-style-type: none"> Damage assessment Identification of areas for clearance Delegation of team Monitoring of work Proposal to the government for repair and restoration
RTO/MVI	<ul style="list-style-type: none"> Meeting with the owners of the vehicles Arrange sufficient number of transport. 	<ul style="list-style-type: none"> Provide necessary vehicles to district level functionaries Alert truck Owners/ other vehicles to coordinate with district administration Organize Transport for immediate assistance 	<ul style="list-style-type: none"> Provide vehicle required for transportation of people to return to their homes Transport people from evacuated area to their homes
DFO-	<ul style="list-style-type: none"> To immediately contact the district control room and will assist in the work To ensure that the staff at the headquarter is on duty To arrange for wireless, telephones, manpower, forest guard in advance to 	<ul style="list-style-type: none"> Co-ordinate with District Administration Maintenance of record for information generation and dissemination. Determine what 	<ul style="list-style-type: none"> Allow the transportation of fodder from forest areas, when the fodder is not freely available Open the forest land for free grazing when

Name of the Department	On Receiving Warning	Response time	Post Disaster
	disseminate information of the disaster in the damage prone areas and will play a key role with the district administration to warn the public	damage occurred to Forest area.	flood waters enter villages, and there is not enough fodder available <ul style="list-style-type: none"> • Provide wooden poles and bamboo for relief and reconstruction • To send task forces with vehicles, tree cutters, ropes, flood light, generator in case of closure of roads due to felling of trees
Railway	<ul style="list-style-type: none"> • Prepare a Safety Management Plan • Regular monitoring of the vulnerable areas and railway lines • Conducting mock drills • Organizing Training for railway police and staff in regular interval 	<ul style="list-style-type: none"> • Co-ordinate with District Administration • Table top/class room simulation exercise • Assign Duties to Control Officials 	<ul style="list-style-type: none"> • Restoration of railway lines • Repair the damaged railway lines, bridge station etc. • Prioritization of restoration work.
EE- Electricity	<ul style="list-style-type: none"> • Regular identification of faults • Regular checking and repair of weak points/Transformers • Stockpiling of equipment/accessories • Skill development training/orientation • Precautions/protections near high voltage electric equipment installed • Stopping illegal consumption of electricity • Alert all staff to get back to their respective head quarters • Retrofitting of weak points if found • Disconnection of electricity in the event of an emergency • Arrangement of alternative energy sources such as generators and fuel for generators 	<ul style="list-style-type: none"> • Disconnection of electricity to the affected areas 	<ul style="list-style-type: none"> • Restoration of electricity
EE - PHED	<ul style="list-style-type: none"> • Installation of tube-wells • Site visit and report Pre-Paraphrasing • Awareness generation for using bleaching • Helping BDO during emergency • Supply of drinking water during emergency • Site selection and water test in Pallasuni (BBSR) 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Damage assessment • Identification of areas for clearance • Delegation of team • Monitoring of work • Proposal to the government for repair and restoration

Name of the Department	On Receiving Warning	Response time	Post Disaster
	<ul style="list-style-type: none"> • Collection and storing of K-018H2s test stripe, bottle, bleaching, halogen tablets, tube well accessories • Area wise deployment of staff, fitter, Mason, APD • 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. 		
DEO- School & Mass Education	<ul style="list-style-type: none"> • Sensitizing the students on different disasters • Rescheduling of School College timing • Organizing mock drills • Providing Training to face the situation during disaster • Repair and maintenance of buildings 	<ul style="list-style-type: none"> • Maintenance of record for information generation and dissemination. • Co-ordinate with District Administration 	<ul style="list-style-type: none"> • Utilizing the School buildings for temporary rehabilitation purpose
DEO - Higher Secondary Education	<ul style="list-style-type: none"> • Sensitizing the students on different disasters • Rescheduling of College timing • Organizing mock drills • Providing Training to face the situation during disaster • Repair and maintenance of buildings 	<ul style="list-style-type: none"> • Maintenance of record for information generation and dissemination. • Co-ordinate with District Administration 	<ul style="list-style-type: none"> • Utilizing College buildings for temporary rehabilitation purpose •
NGOs	<ul style="list-style-type: none"> • Activities on disaster management • Community mobilization • Ensure regular meeting of NGO co-ordination cell • Disseminate all government aided programme to the community • Ensure regular mock drill • Ensure regular bleaching / use of disinfectants in the drinking water sources • Organize workshops seminar meeting/training on community based disaster management • Long term mitigation strategies • Alert all the concerned volunteers to close contact 	<ul style="list-style-type: none"> • Collect and disseminate authentic information regarding weather forecast, movement and velocity of the cyclone, possible rain, amount floodwater released from Hirakud Dam, river Mahanadi and Kathojodi to the communities. • Try to check rumours. • Collection of local flood condition reports and pass on to Block Administration, INGOs and Media for possible support. • Make spot visit to see embankments, 	<ul style="list-style-type: none"> • Coordinate with District administration to help in disseminating information regarding the disaster and help in coordinating relief & rehab measures.

Name of the Department	On Receiving Warning	Response time	Post Disaster
	<p>with NGO/GP/BDO immediately</p> <ul style="list-style-type: none"> • Engage Volunteers to disseminate received warning/ information to the population of vulnerable / weak places • Attend emergency meeting of BDMC, NGO Co-ordination Cell, GPDMC and organize village Disaster Management Committee meetings. • Maintenance of record for information generation and dissemination • Co-ordinate with Block Administration, GPDMC and PDC • In case of flood provide information to the Block Control Room regarding water level and velocity of flowing water in the rivers as well as about possible breaches, scouring, piping, seepages etc • Support Block Administration regarding deployment of country boats at vulnerable points 	<p>constant hourly contact with irrigation department to ensure the dispatch of sand bags to weak points, etc.</p> <ul style="list-style-type: none"> • Collection of information on places where breaches occurred / likely to occur due to seepage / over topping / damage to embankments 	

CHAPTER – XIV

14.0 RESTORATION AND REHABILITATION

14.1 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 phase 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 is the primary level with requisite resources to respond to any natural calamity, through the issue of essential commodities, group assistance to the affected people, damage assessment and administrating appropriate rehabilitation and restoration measures.

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.

14.2 Standard Operating Procedure: Restoration & Rehabilitation

Name of the Department	Normal Time / Aftermath of floods
District Disaster Management Authority	<p>Normal:</p> <ul style="list-style-type: none">• Conduct capacity building programmes for Govt. Official, PRIs, NGOs, Volunteers, SHGs, Paramedical Staffs, etc. To have a better knowledge on disasters and its management.• Documentation of best practices• Provision of funds for infrastructure development• Preparation of DDMP and its implementation at all levels <p>Aftermath of Flood:</p> <ul style="list-style-type: none">• The DDMA will review the relief, restoration and rehabilitation measures.• Utilize the machinery in restoration and rehabilitation work without compromise• In close coordination with Blocks, Tahasil and PRIs• Act at the center point for State and below district level
Collector/ADM / Emergency Officer	<p>Normal:</p> <ul style="list-style-type: none">• Monitor the activities undertaken by DDMA• Review the preparedness activities <p>Aftermath of Flood:</p>

Name of the Department	Normal Time / Aftermath of floods
	<ul style="list-style-type: none"> • Restoration of Critical Infrastructures to bring situation to normalcy • Ensure Restoration of roads & channels, Communication Network, Electricity & Energy • Ensure address of health issues in the affected areas • Adopt sustainable mitigation measures in the restoration activities • Monitor & review the restoration activities • Ensure proper functioning of rehab centers • Ensure proper functioning of free kitchen centers in rehab centers
CDMO	<p>Normal:</p> <ul style="list-style-type: none"> • Awareness and training programs for staff and other stakeholders • Preparedness planning and sharing with the DDMA • Review and monitor the preparedness activities and report to DDMA <p>Aftermath of Flood:</p> <ul style="list-style-type: none"> • All Circle Officers will carry out damage assessment in their respective areas • Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment • Carry out Disease surveillance measures to check epidemic prone diseases • Rehabilitation of deprived & destitute • All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA on daily basis • Carry out Trauma & Psycho-social counseling • A mechanism for quick identification of factors affecting the health of the affected people shall be established for surveillance and reporting. • An assessment of the health and nutritional status of the affected population shall be done by experts with experience of emergencies and, if possible, local knowledge. • The voluntary deployment of the nearest medical resources to the disaster site, irrespective of the administrative boundaries, will be warranted. • Mobile medical hospitals and other resources available with District shall be provided to the relief camp. • Adequate supply of medicines, disinfectants etc. shall be made. • Where necessary inoculation shall be done. • Vaccination of the children & pregnant women shall be undertaken. • Vector-borne diseases are a major cause of sickness and death in many disaster situations. Vector control measures shall be undertaken. • Water borne diseases may cause sickness and deaths and therefore adequate measures shall be taken to prevent such outbreaks.

Name of the Department	Normal Time / Aftermath of floods
Superintendent of Police (SP)	<p>Normal:</p> <ul style="list-style-type: none"> • Conduct training programmes for staff on operation of updated equipments for Search and Rescue • Conduct training programme for staff on First Aid • Review and monitor of preparedness activities • Rapport building with the local community by the staff members <p>Aftermath of Flood:</p> <ul style="list-style-type: none"> • Close coordination with Dist. Administration • All Circle Officers will carry out damage assessment in their respective areas • Deployment of police personnel in shelters and relief camps to ensure smooth operation • Coordination with the district administration for law and order situation • Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment • All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA on daily basis
EE- RWSS	<p>Normal:</p> <ul style="list-style-type: none"> • Proper planning for supply of drinking water at the rural pockets for summer and flood season • Time to time restoration of tube wells and raising of platforms in the flood affected area • Aware the community to use safe drinking water <p>Aftermath of Flood:</p> <ul style="list-style-type: none"> • Close coordination with DEOC • All Circle Officers will carry out damage assessment in their respective areas • Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment • All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA on daily basis • Immediate restoration of drinking water facility • Provision of drinking water tankers in water scarcity pockets. • Disinfection of drinking water sources • Awareness among the community to take safe drinking water
EE- Irrigation	<p>Normal:</p> <ul style="list-style-type: none"> • Identification of weak embankments • Repairing of the embankments • Capacity building training programmes for staff and other stakeholders • Flood contingency planning and sharing with DDMA

Name of the Department	Normal Time / Aftermath of floods
	<p>Aftermath of Flood:</p> <ul style="list-style-type: none"> • Close coordination with DEOC • All Circle Officers will carry out damage assessment in their respective areas • Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment • All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA on daily basis
DAO- Agriculture	<p>Normal:</p> <ul style="list-style-type: none"> • Training to farmers and other stake holders on different good agricultural practices • Training to Staff members on different good / updated agricultural practices <p>Aftermath of Flood:</p> <ul style="list-style-type: none"> • All Circle Officers will carry out damage assessment in their respective areas • Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment
EE- Rural Works	<p>Normal:</p> <ul style="list-style-type: none"> • Routine developmental works but disaster proofing mechanism • All Circle Officers will carry out damage assessment in their respective areas • Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment • All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis • Immediate restoration of critical infrastructures
EE- Public Works	<ul style="list-style-type: none"> • All Circle Officers will carry out damage assessment in their respective areas • Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment • All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis • Immediate restoration of critical infrastructures
DTO-Telecom	<ul style="list-style-type: none"> • All Circle Officers will carry out damage assessment in their respective areas • Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle

Name of the Department	Normal Time / Aftermath of floods
	<p>Officer & his staff during damage assessment</p> <ul style="list-style-type: none"> All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis
CDVO	<ul style="list-style-type: none"> All Circle Officers will carry out damage assessment in their respective areas Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis
RTO/MVI	<ul style="list-style-type: none"> All Circle Officers instructed to be in coordination with the local authority Identification and Provision of vehicles for necessary emergency movement
DFO-	<ul style="list-style-type: none"> All Circle Officers will carry out damage assessment in their respective areas Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis
Railway	<ul style="list-style-type: none"> All Circle Officers will carry out damage assessment in their respective areas Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis Damage Assessment report of Railway may be sent to parent department apart from DDMA /DEOC.
EE- Electricity	<ul style="list-style-type: none"> All Circle Officers will carry out damage assessment in their respective areas Arrange DG sets for alternative electricity in important places. Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis Restoration of Electricity in hospitals, administrative buildings
EE – PHED	<ul style="list-style-type: none"> All Circle Officers will carry out damage assessment in their respective areas

Name of the Department	Normal Time / Aftermath of floods
	<ul style="list-style-type: none"> Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis Restoration of safe drinking water Arrange required number of DG Sets for restoring the water supply. Close watch on outbreak of jaundice and other water related diseases
DEO- School & Mass Education	<ul style="list-style-type: none"> All Circle Officers will carry out damage assessment in their respective areas Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis Immediate restoration of Electricity, Drinking water facility, sanitation facilities after any serious disastrous event
DEO - Higher Secondary Education	<ul style="list-style-type: none"> All Circle Officers will carry out damage assessment in their respective areas Representatives from line department's viz. Agriculture, PWD, PHED, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery and Social Welfare will accompany Circle Officer & his staff during damage assessment All damage assessment reports in the prescribed format (By GoO) to be submitted to DDMA /DEOC on daily basis Immediate restoration of Electricity, Drinking water facility, sanitation facilities after any serious disastrous event

14.3 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					

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
Drinking water Supply works (Rural)					
Drinking water Supply works (Urban)					
Irrigation					
**Power					
Primary Health Centres					
Community assets in social sectors covered by Panchayats					

14.4 Calculation of assistance for agricultural input subsidy-SMF

Sl.	Name of the Block	Area held by SMF (in Hectares)	Total Agricultural area Affected [in Hect.]	Total agricultural area where crop loss 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											
2											
3											
4											
5											
6											
7											

8											
9											
10											
11											
Total											

14.5 Agricultural input subsidy- Farmers other than SMF

[Farmers affected first year]

Sl.	Name of the Block	Area held by farmer s other than SMF (in ha.)	Crop loss > 33%							
			No of Farmer s	Irrigate d area in hect	Amount spent @ Rs.13,500 /- per hect.	Rainfe d Area in hect.	Amount spent @ Rs.6800 /- per hect.	Perenni al Area in hect	Amount Spent @ Rs.1800 0/ per Hect.	Total Amoun t Spent
1										
2										
3										
4										
5										
Total										

14.6 Farmers affected by successive calamities

Sl.	Name of the Block	Area held by farmer s other than SMF (in ha.)	Crop loss > 33%							
			No of Farmer s	Irrigate d area in hect	Amount spent @ Rs.13,500 /- per hect.	Rainfe d Area in hect.	Amount spent @ Rs.6800 /- per hect.	Perenni al Area in hect	Amount Spent @ Rs.1800 0/ per Hect.	Total Amoun t Spent
1										
2										
3										
4										
5										
Total										

14.7 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	Expenditure incurred (Milch animals @ Rs.30,000 for large animal , Rs.3000 for small animals & Draught animals @ Rs 25000 for large animal,	Poultr y @ 50/- per bird subjec t to a	Total expenditur e (11+12+13 +14+15)

k						animal or 6 small draught animal per household				Rs. 16,000 for small animals)				ceiling of assistance of Rs.5000/- per beneficiary household.	
	Milch Animal		Draught Animal		Poultry Birds	Milch Animal		Draught Animal		Milch Animal		Draught Animal			
	Buffalo/Cow	Sheep/Goat	Camel/Horse/Bull	Calf/Donkey/Pony		Buffalo/Cow	Sheep/Goat	Camel/Horse/Bull	Calf/Donkey/Pony	Buffalo/Cow	Sheep/Goat	Camel/Horse/Bull	Calf/Donkey/Pony		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)

14.8 Assistance sought for repair /restoration of damaged houses

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/-	No.s.	Amount @ Rs.-4100/-	No.s.	Amount @ Rs.-4100/-	
1																		
2																		

3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
TOTAL																			
L																			

14.9 Assistance 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 operation of relief camps	Average No. of people accommodated per day in the relief camps	Expenditure incurred on (Rs. in lakh)				
					Temporary accommodation	Food	clothing	Medical care	Total expenditure
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									

12									
13									
14									
15									
16									
19									
Total									

14.10 Extent of damage due to natural calamities

Dist :

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	

Sl.	Item	Details
	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	

14.11 Format for repair of Damaged Infrastructure of Immediate Nature

The Format for working out the requirements under the head of repair of damaged infrastructure of immediate nature as follows;

Sector	Damage in physical terms	Requirement of funds for repair of immediate nature	Out of (3), amount available from annual maintenance budget	Out of (3), amount available from related schemes/ programs/ other sources	Out of (3), amount proposed to be met from CRF/ NCCF in accordance with list of works indicated in the Appendix to the revised items and norms
Roads & Bridges	PWD Roads	No. of breaches- Length of Road damaged – No. of culverts damaged – No. of culverts washed away –			
	Rural Roads	No. of Roads damaged – Length of Road damaged – No. of breaches – No. of CD/Bridge damaged– No. of CD/Bridge washed away –			
	Urban Roads	Length of drain damaged – Length of Road damaged No. of culverts damaged –			
	Panchayat Roads	No. of Roads damaged – Length of breaches – Length of Road damaged – No. of culverts damaged – No of culverts washed away			
	River/Canal Embankment Roads	No of Roads damaged in river embankments– Length of Road damaged in			

		river embankments – No of Roads damaged in canal embankments – Length of Road damaged in canal embankments –				
Drinking Water Supply	Rural Water Supply	No of Tube wells damaged – No of platforms damaged – No. of Rural pipe water supply system damaged -				
	Urban Water Supply					
Irrigation	River Embankment	No of breaches – Length of breach in Km – No of partial damage -				
	Canal Embankments	No of breaches – Length of breach in Km – No of partial damage -				
	M I projects	No of Minor Irrigation projects damaged -				
	Clearance of Drainage channels	Length of drainage channels congested with vegetative materials –				
Primary Education	Primary School Buildings	No of Primary School buildings damaged -				
PHCs	PHCs	No of Primary Health Centres damaged -				
Community assets owned by Panchayats	Community Halls	No of Panchayat Ghar/Community Hall damaged -				
	AWW Centres	No of Anganwadi Centres damaged -				
Power	Electrical lines	No of Primary sub-stations damaged – 33 KV lines damaged – 11 KV lines damaged – Distribution Transformers damaged – LT lines damaged –				
Total						

CHAPTER – XV

15.0 Recovery:

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-term 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 minimising overlap and duplication.

CHAPTER – XVI

16.0 Financial Arrangement

16.1 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).

In the event of a calamity of a severe nature when the State Disaster Response Fund (SDRF) is insufficient to meet the relief requirements, additional central assistance is provided from NDRF, after following the laid down procedure. The State Government is required to submit a memorandum indicating the sector-wise damage and requirement of funds. On receipt of memorandum from the State,

- An Inter-Ministerial Central Team is constituted and deputed for an on the spot assessment of damage and requirement of funds for relief operations, as per the extant items ad norms.
- The report of the Central Team is considered by the Inter-Ministerial Group (IMG) / A Sub-committee NEC constituted under section 8 of DM act, 2005, headed by the Home Secretary.
- Thereafter, the High Level Committee (HLC) comprising of the Finance Minister, the Agriculture Minister, the Home Minister and the Deputy Chairman, Niti Ayog considers the request of the State Government based on the report of the Central Team recommendation of the IMG thereon, extant norms of assistance and approves the quantum of assistance form NDRF.
- This is, however, subject to the adjustment of 75% of the balance available in the State's SDRF for the instant Calamity.

16.2 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). The amount of corpus of the SDRF determined by the 13th Finance Commission for each year the Finance Commission period 2010-15 has been approved by the Central Government. The Central Government contributes 75% of the said fund. The balance 25% matching share of contribution is given by the State Government. The share of the Central Government in SDRF is released to the State in 2 installments in June and December

respectively in each financial year. Likewise, the State Government transfers its contribution of 25% to the SDRF in two installments in June and December of the same year.

Ministry of Home Affairs, upon being satisfied that exigencies of a particular calamity so warrant, may recommend an earlier release of the Central share up to 25% of the funds due to the State in the following year. This release will be adjusted against the installments of the subsequent year.

As per the Guidelines on Constitution and Administration of the State Disaster Response Fund (SDRF) laid down by the Ministry of Home Affairs, Government of India, the SDRF shall be used only for meeting the expenditure for providing immediate relief to the victims of cyclone, drought, earthquake, fire, flood, tsunami, hailstorm, landslide, avalanche, cloud burst and pest attack. The State Executive Committee (SEC) headed by the Chief Secretary SEC decides on all matters connected with the financing of the relief expenditure of immediate nature from SDRF.

16.3 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.

16.3.1 Cases Eligible for Assistance under CMRF

16.3.1.1 Poor and persons in distress:

Relief to the poor, including grant and aid (financial or otherwise) to persons in distress.

16.3.1.2 Aged, differently able, orphans, AIDS affected:

Assistance for the relief and rehabilitation of the aged, differently able' orphans, HIV/AIDS affected persons/families and those otherwise differently able or incapable of earning their livelihood, by grant and aid (financial and otherwise) and / or maintenance, establishment and support of institutions and homes for the benefit of such persons.

16.3.1.3 Persons affected by calamities or violence:

Assistance for relief & rehabilitation of persons affected by natural or man-made calamities, communal violence', naxal violence or public disorder of a serious nature or any other calamity' affecting a family or a community, which deserves extreme compassion and not covered under any existing assistance scheme of State/central Government.

16.3.1.4 Assistance for Rural Development:

Financial assistance out of CMRF may also be considered to undertake, promote, aid or otherwise support rural development including any programme for promoting the social and economic welfare of the public in any rural area either directly or through an independent agency following due procedure.

To assist more number of deserving person and for better utilisation of the Chief Minister's Relief Fund, the State Government have delegated powers to the Collectors for sanction of

assistance out of CMRF so as to extend such assistance to the deserving persons immediately at the time of their need.

16.4 Release of Funds to Departments and Districts:

Funds required towards pure relief to affected persons / families for natural calamities in shape of emergency assistance, organizing relief camp / free kitchen / cattle camp, agriculture input subsidy and other assistances to affected farmers, ex-gratia as assistance for death cases, grievous injury, house building assistance, assistance to fisherman / fish seed farmers / sericulture farmers, assistance for repair / restoration of dwelling houses damaged due to natural calamities are administered through the respective collectors.

Part funds towards repair / restoration of immediate nature of the damaged public infrastructure are released to the Departments concerned. On receipt of requisition from the Collectors / Departments concerned, funds are released after obtaining approval / sanction of S.E.C. However, funds towards pure relief are released under orders of Special Relief Commissioner / Chief Secretary and the same is placed before the State Executive Committee in its next meeting for approval. To save time, Collectors have been instructed to disburse the ex-gratia assistance from the available cash and record the same on receipt of fund from Special Relief Commissioner.

16.5 Damage Assessments and Report after Flood/Cyclone

Private properties and properties of Government under different Departments are damaged by high floods and cyclones. As per para-75 of Orissa Relief Code, the Collector shall undertake assessment of damages to private properties as well as properties of Government. This assessment shall be done quickly soon after the abatement of flood in the prescribed formats prescribed in Appendix- X of Orissa Relief Code.

16.5.1 Submission of preliminary damage report (Para-76 of ORC)

1. The Collector as well as the district level officers under each Department of Government shall immediately after assessment of flood damage forward a copy of their report to their immediate Head of Department. The district level officers may also supply reports to the Collector.
2. The Heads of Departments after necessary scrutiny shall forward their reports to their respective Departments of Government with copy to Special Relief Commissioner, not later than two weeks from the date of abatement of flood.
3. The Special Relief Commissioner shall compile the State report and shall furnish the consolidated preliminary report to the Revenue Department within a week of the receipt of the reports from the Heads of Department.
4. The preliminary flood damage report should be prepared as accurately as possible, as the relief measures, if any, are to be based on the merit and statistical data of that report.

16.5.2 Submission of final flood damage report (Para-77 of ORC)

The concerned Heads of Departments as well as the Collector shall take immediate steps to compile the final report on flood/cyclone damage in the formats prescribed in Appendix- X soon after submission of the preliminary report.

Accidental errors, clerical mistakes, shortcomings, if any, noticed should be rectified in the final report. The final report shall be made available to Special Relief Commissioner as soon as possible and not later than one month from the date of abatement of flood.

On receipt of the reports from the different sources, Special Relief Commissioner shall forthwith compile the State report and furnish the same to the Revenue Department.

16.6 Central and State Government programmes and Schemes on Natural Calamities

Mainstreaming Disaster Management in development planning is the most critical component to mitigate disaster risks. That's why it's important to make note of financial resources which are used in the implementation of such programmes and schemes which can lessen the risk from disasters by reducing vulnerability. It is also crucial to build communities resilience to deal with them. Moreover, as mandated by Ministry of Finance & Ministry of Home Affairs on 01st and 03rd June, 2014 respectively, 10 % flexi-fund within the centrally sponsored schemes (CSS) to be utilised, inter alia for mitigation / restoration activities in the event of natural calamities in the sector covered by CSS. Thus, relevant Central Government and State Government funded schemes are identified which are crucial to build over resilience of communities in the context of the district.

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	RKVY (Rashtriya Krishi Vikas Yojana)	Agriculture	Department of Agriculture	Popularization of Agriculture Implement including Manual & Bullock Drawn and Diesel Pump Sets
4	Input Subsidy	Agriculture	Department of Agriculture	To increase Seed Replacement Rates (SRR) to desired level of 25%, State Government has been providing subsidy on quality seeds.
5	Jala Nidhi (RIDF)	Irrigation	NABARD	The main obstacle to increase agricultural productivity is lack of

Sl No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
				irrigation. Keeping this in view, State Government has taken a loan from NABARD under RIDF for providing subsidy to farmers
6	Promotion of System Rice Intensification (SRI Scheme)	Agriculture	Department of Agriculture	The system of rice intensification (SRI) method of paddy cultivation requiring less seed and water has shown excellent results in increasing productivity of paddy
7	Support to State Extension Programme for Extension Reforms (ATMA)	Agriculture	Department of Agriculture	The scheme is being implemented in all districts through establishment of Agricultural Technology Management Agencies (ATMA). The main aim of the scheme is unification and intensification of extension activities in agriculture and allied sectors and also to minimize the productivity gap between actual and potential yields of various crops
8	National Food Security Mission	Agriculture	Department of Agriculture	The scheme is being implemented since 2007-08 with an objective to enhance production and productivity of rice and pulse crops.
9	Seeds Treatment Campaign	Agriculture	Department of Agriculture	Seed is one of the most important inputs that plays a key role in boosting agricultural productivity. Keeping the other inputs of production constant, the quality seeds alone can increase the production to the extent of above 20%.
10	Farm Mechanization	Agriculture	Department of Agriculture	Farm Mechanization brings a significant improvement in agricultural productivity in a number of ways. The timeliness of various agricultural operations is crucial in obtaining optimal yield, which is possible only through mechanization.
11	Technology Mission on Sugarcane Development	Agriculture	Department of Agriculture	The Scheme is implemented in the State to popularize new cultivars by multiplying breeder and foundation level planting materials of Sugarcane.
12	Intensive Extension Campaign on Agriculture	Agriculture	Department of Agriculture	The scheme is being implemented with the aim of creating awareness among farmers regarding various developmental programmes those are being under taken in agriculture sector and a large number of awareness campaigns are being made under the scheme.
13	National	Agriculture	Department of	The scheme has been implemented

Sl No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
	Mission on Oilseeds & Oil Palm: New scheme		Agriculture	with the objective of development of cultivation of vegetable oilseed crops. The scheme would assist for quality seeds, mini kits, crop demonstrations, inter-cropping, irrigation, farm equipment etc.
14	National Horticulture Mission (NHM)	Horticulture	Department Of Horticulture	Scheme is for integration Development of Horticulture (MIDH) during
15	DCCD(Cashew Plantation)	Horticulture	Department Of Horticulture	The objective of the programme is to develop new plantations with clones of high yielding varieties of cashew in the farmers field
16	Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)	SOIL CONSERVATION	Department Of SOIL & WATER CONSERVATION	The overall objective of PMKSY is extending the coverage of irrigation ‘ Har Khet ko Pani’ and improving water use efficiency ‘ Per Drop More Crop’ in a focused manner
17	Development of Fresh Water Aquaculture through FFDA	Fisheries	Department Of Fisheries	FFDA Pond Development, NMPS Pond Development, Fish Seed Distribution, Fish Production, Distribution of Scholarship to Meritorious Students of Fishermen Community, Fingerling Raising Programme, Feed Based Aquaculture , Demonstration of Intensive Aquaculture , Organization of Skill up gradation Training & awareness Programme, Mastya Sampad Vika Ustav, Group accident Insurance Programme, MastyaJibi Basagraha Yojana, Release of FFDA Subsidy, Release of Top Up Subsidy, Release of NMPS Subsidy, Moped with Ice Box, Short term Credit (KCC), MGNREGS , FFDA Sponsored, NMPS Sponsored
18	Development of Water Logged Area	Fisheries	Department Of Fisheries	
19	Skill Upgradation Training & Awareness	Fisheries	Department Of Fisheries	
20	Assistance towards NFDB	Fisheries	Department Of Fisheries	
21	Assistance towards Matsyajibi	Fisheries	Department Of Fisheries	
22	Upgradation of Skills in Self-employment under ARD Sector	Animal Husbandry	Animal Resources And Dairy Development	This is continuing scheme and is being implemented in all districts of the State with organization of training camps.
23	Training and Demonstration in Fodder Cultivation and Pasture Development	Animal Husbandry	Animal Resources And Dairy Development	The fodder farms of the Department will be strengthened under RIDF assistance
24	Organisation of Exhibition for Buyer-Seller	Animal Husbandry	Animal Resources And Dairy	The objectives of establishing direct contact between producer, buying agents, processors and users to

Sl No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
	Meet and Transfer of Technical Know-how to the Farmers		Development	organize District meet.
25	Opening of New LAC	Animal Husbandry	Animal Resources And Dairy Development	The aim of this scheme is to provide veterinary services in the GPs having no Veterinary Institution by establishing one LAC
26	SMILE District Level Training	Animal Husbandry	Animal Resources And Dairy Development	The aim of this scheme is to provide training to the staff and farmers at the district level
27	Control of Animal Diseases	Animal Husbandry	Animal Resources And Dairy Development	Central Plan for control of animal diseases
28	Strengthening of Livestock services infrastructure & modernization of offices	Animal Husbandry	Animal Resources And Dairy Development	The scheme envisages supply of inputs to FSAI Centres for conducting FSAI and production of CB females towards augmentation of milk production
29	Cattle Insurance	Animal Husbandry	Animal Resources And Dairy Development	provide assistance to the farmers under Central Plan
30	Co-operation	Animal Husbandry	Animal Resources And Dairy Development	Cooperatives play a crucial role in transforming socio-economic conditions in an economy and in facilitating increased participation of people.
31	Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)	DRDA	Department of Panchayat Raj	Providing at least one hundred days of guaranteed wage employment in a financial year
32	Swarnjayanti Gram Swarozgar Yojana/ Odisha Livelihood Mission (OLM)	DRDA	Department of Panchayat Raj	Odisha is to bring the assisted poor families (Swarozgaries) above the Poverty Line by ensuring appreciable sustained level of income over a period of time.
33	Gopabandhu Gramin Yojana (GGY)	DRDA	Department of Panchayat Raj	The principal objective of the scheme is to provide additional development funds to the targeted districts to provide infrastructure consisting primarily of Bijli, Sadak and Pani.
34	R.I.D.F	Irrigation	Department of Water Resources	Under RIDF-XVI, 1 No.of New MIP i.e Kankadajhar in Banki-II

Sl No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
				(Damapada) Block of Cuttack District have been sanctioned by NABARD for execution.
35	ORISSA COMMUNITY TANK MANAGEMENT PROJECT (OCTMP)	Irrigation	Department of Water Resources	Agricultural livelihood support services (ALSS) i.e to improve the production and productivity of agri-comodities of the tank command area
36	CHECK DAM (LOW HEIGHT STRUCTURES FOR INSTREAM STORAGE)	Irrigation	Department of Water Resources	To conserve water at the end of monsoon for irrigation.
37	CANAL LINING & SYSTEM REHABILITATION PROGRAMME (CLSRP)	Irrigation	Department of Water Resources	To enhance water availability at farm level and reduce seepage losses in distribution system
38	REPAIR RENOVATION & RESTORATION (R.R &R)	Irrigation	Department of Water Resources	REPAIR RENOVATION & RESTORATION (R.R &R)
39	State Plan (Revival of Defunct L.I. project)	Irrigation	Department of Water Resources	Particularly, to promote irrigation in the region for draught- proofing and for higher agriculture productivity
40	Biju Gram Jyoti Yojana (BGJY)	Energy	Department of Energy	Biju Gram Jyoti Yojana for electrification of villages / habitations having population less then 100 as well as BPL household electrification in rural areas
41	Biju Saharanchal Vidyutikaran Yojana (BSVY)	Energy	Department of Energy	Biju Saharanchal Vidyutikaran Yojana” to take up electrification of habitations / yards within the Municipalities / NACs and provide connection to the BPL Household within these urban areas. Under the scheme, the yards
42	Odisha Renewable Energy Development Agency (OREDA) Administration	Energy	Department of Energy	OREDA is promoting, executing, monitoring, planning, coordinating and evaluating various renewable energy sources in the State
43	National Biogas and Manure	Energy	Department of Energy	National Bio-Gas and Manure Management programme by

Sl No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
	Management programme (NBMMP)			Government of India
44	Jawaharlal Nehru National Solar Mission (JNNSM)	Energy	Department of Energy	Jawaharlal Nehru National Solar Mission (JNNSM) includes under it two schemes they are Solar Roof Top Power Plant and Solar Water Heating System
45	Community Fixed Chullah for Mid- Day Meal Cooking	Energy	Department of Energy	Under Community Fixed Chullah for Mid- Day Meal Cooking scheme
46	PRIME MINISTER'S EMPLOYMENT GENERATION PROGRAMME (PMEGP)	Industries	Department of Industries	The main objective of the scheme is to create employment opportunities by establishment of micro-enterprises
47	MSME Exhibition	Industries	Department of Industries	District levels Exhibition are organized for marketing support to the micro, small & medium enterprises
48	Road Shows	Industries	Department of Industries	Road shows are introduced at different places for awareness of the activities of the programmes and scheme of MSME Department.
49	Silpa Adalats	Industries	Department of Industries	District level silpa adalats are organized for redressal of the grievances/complaints of enterprises and make its recommendation to the appropriate authorities for consideration
50	Entrepreneurs Week	Industries	Department of Industries	Provide a platform for interaction with enterprises and new entrepreneur.
51	Rehabilitation of Handicraft Artisans	Industries	Department of Industries	Handicraft sector provides for self-employment to the traditional/trained artisans for availing bank finance
52	Modernisation & Technological Upgradation of Handicraft Enterprise	Industries	Department of Industries	The scheme envisages to attract entrepreneurs to set up handicraft industry & encourage use of modern machineries by infusion of capital from commercial banks & other financial institution
53	Organisation of Handicraft Exhibitions	Industries	Department of Industries	Handicraft Exhibition is organized in District level for Marketing support for the handicraft products manufactured by the artisans.
54	Construction of work shed to Handicraft	Industries	Department of Industries	Construction of work shed for Handicraft artisans

Sl No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
	artisans			
55	Promotion of Handloom Industries	Industries	Department of Industries	The scheme includes activities like Modernization of Looms, Provision of Common Facility Centre, Training as well as communication publicity related activities like Participation! Organization of Exhibitions/ Fairs, Seminars, State Level Awards, Trade Promotion, Promotion of Documentary Films and other publicity purposes Exposure visits etc.
56	Work shed- cum Housing Scheme	Industries	Department of Industries	construction of Work shed-cum-housing is one of the component under the scheme "Promotion of Handloom Industries
57	Skill up-gradation Training under SEP	Industries	Department of Industries	Skill up-gradation training are imparting to the weavers for their up-gradation the present skill in order to enable them self-employment and earning the higher wages.
58	Onetime Rebate on sale of handloom cloth	Industries	Department of Industries	The scheme helps the handloom sector to market handloom products and reduce the accumulated stock.
59	Rural Roads and Bridges	Transport	Public Works Department (R&B)	Construction of bridges and roads under NABARD assistance under this scheme.
60	Cement Concrete Roads	Transport	Public Works Department (R&B)	For rural connectivity, this scheme has been launched by the State to give special focus to Particularly Vulnerable pockets and Bastis.
61	Economic Plantation	Forest	Forest & Environment Development	Under this scheme, steps will be taken to raise plantations of economically important species like Teak, Bija, Red Sanders and Rosewood on suitable sites on a sustained basis.
62	Bald Hill Plantation	Forest	Forest & Environment Development	Bald hills are being covered with plantations making development of the land in all aspect.
63	Avenue Plantation	Forest	Forest & Environment Development	The scheme envisages creation of green belt along both sides of the important roads including panchayat and rural roads to provide environmental services as well as to act as shelters during summer and rainy days and minimise vehicular pollution.
64	Urban Plantation	Forest	Forest & Environment Development	The scheme envisages creation of green belt along both sides of the roads, parks and office premises, educational institutions in urban units

Sl No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
				for providing environmental services
65	National Rural Health Mission	Health	Department Of Health & Family welfare	NRHM is providing comprehensive integrated health care to the rural and vulnerable sections of the district
66	Rural Drinking Water Supply Programme	RWSS	Rural Development Department	Government of India under National Rural Drinking Water Programme (NRDWP)
67	Rural Sanitation	RWSS	Rural Development Department	The objective of this scheme is to eliminate the practice of open defecation in rural areas
68	Indira Awas Yojana	Housing	Panchayati Raj Department	The objective of the scheme is to provide housing to members of SC/ST/Freed bonded labourers, non-SC/ST rural poor living below the poverty line and to the people under FRA.
69	Mo Kudia	Housing	Panchayati Raj Department	The scheme will supplement resources available under IAY and increase availability of housing for the rural poor.
70	Post-Matric Scholarship, SC Pre-Scholarship, Minorities Post-Matric Scholarship, OBCs Post-Matric Scholarship, ST students Incentive for Inter Caste Marriage	Development of SC,ST,OBC & Minority	ST & Sc Department	Financial Benefit given to SC, ST & OBC category people.
71	Mission Sakti (ICDS Project)	Women Welfare	Women & Child Development Department	Women to achieve economic independence by enabling them to have independent employment and income has been accorded the highest priority.
72	Orphanages	Women Welfare	Women & Child Development Department	Under this scheme the orphan children will be benefited to stay with their relatives
73	Adoption of Orphans and Destitute Children	Women Welfare	Women & Child Development Department	The scheme of adoption is implemented in the State of Odisha for rehabilitation of destitute and abandoned children through adoption in families within and outside the country
74	Indira Gandhi National Old Age Pension Scheme	National Social Assistance Programme	Rural Development Department	The applicant must belong to a family having name in 1997 BPL list

Sl No	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
	(IGNOAP)			
75	Indira Gandhi National Widow Pension Scheme (IGNWP)	National Social Assistance Programme	Rural Development Department	The applicant must belong to a family having name in 1997 BPL list
76	MADHU BABU PENSION YOJANA	National Social Assistance Programme	Rural Development Department	Old Age Pension & Orissa Disability Pension Schemes
77	Supplementary Nutrition Programme (SNP)	Nutrition	Women & Child Development Department	Supplementary Nutrition Programme is one of the most important component of Six package of services under ICDS.
78	Mid-Day Meal (MDM) Programme	Nutrition	Women & Child Development Department	To increasing the enrolment, reducing the number of drop-outs in primary schools and improving the nutritional status of children, Mid-Day-Meal Programme has been introduced in the State
79	Credit Plan of Cuttack District for 2016-17 (NABARD)	Urban Development	Housing and Urban Development Department	creation of infrastructure &, other support services, potential available for lending under Non-Farm Sector and Other Priority Sector, long term physical potential of the district, National & State priorities as also the directions of the RBI on priority sector lending to increase productivity/ production in agriculture, horticulture, pisciculture, NFS and OPS, etc.

16.7 Roles of District Planning committee on mainstreaming (DRR)

The District Planning committee plays a coordinating role at the district level to ensure that the various Government functionaries in the district effectively carry out the Disaster Management activities in this phase working in close co-operation with Government Departments and local bodies. The role of the District Planning committee in this phase includes:

- 01) Ensuring that preparedness, mitigation & prevention-activities are carried out in accordance with the appropriate guidelines.
- 02) Ensuring that relevant officials in the district possess the knowledge to deal with disaster management issues.
- 03) Developing an appropriate Disaster Management strategy for the district, taking into account the unique circumstances of the district and prevailing gaps in institutional capacity and resources of the district.

- 04) Facilitating community training, awareness programmes and the installation of emergency facilities with the support of local administration, NGOs and the private sector.
- 05) Establishing adequate inter-department co-ordination issues related to disaster management.
- 06) Reviewing emergency plans & guidelines.
- 07) Involving the community in the planning & development process.
- 08) Ensuring that local authorities in the district are involved in developing their own mitigation strategies.
- 09) Ensuring appropriate linkage between Disaster Management activities and planning activities.
- 10) Revising/ Re-assessing contingency plans related to disaster management.
- 11) Ensuring that proper communication systems are in place.
- 12) Ensuring that equipment's connected with Search & Rescue, especially firefighting equipment's are well maintained & ready to use.
- 13) Disaster Management plans maximizes the involvement of members of the community and NGOs.

Disaster risk reduction is a crosscutting issue that needs to be 'owned' by all government agencies rather than by a single department. However, an overarching District Disaster Management Authority is required to provide leadership, determine broad disaster risk management policies and strategies, advocate for the inclusion of disaster risk reduction concerns in broader development policies, strategies and individual initiatives, actively engage a wide range of government agencies in their implementation, define responsibilities at different levels of government, coordinate this multi-sector, multitier engagement and monitor and evaluate progress.

Individual line agencies and local government are responsible for implementing disaster risk management within their own areas of responsibility. Devolved responsibilities also include the Flood control measures, delivery of a number of services of direct relevance to disaster risk reduction (e.g., land-use planning, community-based forestry, environmental management, watershed management, agricultural extension and research) or which could potentially benefit from disaster risk reduction mainstreaming (e.g., local infrastructure facilities). Horizontal and vertical integration of government at different levels is also important for ensuring that principles of disaster risk reduction mainstreaming are reflected at all levels of government departments.

Disaster risk reduction and mainstreaming is also an essential component of development plans in hazard-prone areas of the district. Development plans should lay out clear overarching risk reduction objectives and strategies for enhancing resilience. This broad overview is essential in view of the crosscutting nature of disaster risk reduction and of the need for inter-sectoral coordination and alignment of plans to reduce risk. Access to adequate drinking water, food, waste management and a secure dwelling increases people's resiliency. Trade and technology can reduce poverty. Investing in financial mechanisms and social security can hassoock against vulnerability.

16.8 Fund provision for Disaster Preparedness and Capacity Development:

16.8.1 State Disaster Response Fund:

As per the provisions of Disaster Management Act, 2005 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 (CRF). The amount of corpus of the SDRF determined by the 13th Finance Commission for each year the Finance Commission period 2010-15 has been approved by the Central Government. The Central Government contributes 75% of the said fund. The balance 25% matching share of contribution is given by the State Government. The share of the Central Government in SDRF is released to the State in 2 installments in June and December respectively in each financial year. Likewise, the State Government transfers its contribution of 25% to the SDRF in two installments in June and December of the same year. Ministry of Home Affairs, upon being satisfied that exigencies of a particular calamity so warrant, may recommend an earlier release of the Central share up to 25% of the funds due to the State in the following year. This release will be adjusted against the installments of the subsequent year. As per the Guidelines on Constitution and Administration of the State Disaster Response Fund (SDRF) laid down by the Ministry of Home Affairs, Government of India, the SDRF shall be used only for meeting the expenditure for providing immediate relief to the victims of cyclone, drought, earthquake, fire, flood, tsunami, hailstorm, landslide, avalanche, cloud burst and pest attack. The State Executive Committee headed by the Chief Secretary SEC decides on all matters connected with the financing of the relief expenditure of immediate nature from SDRF.

16.8.2 National Disaster Response Fund:

As per the provisions of Disaster Management Act, 2005 and recommendation of the 13th Finance Commission, the National Disaster Response Fund (NDRF) has been constituted at the Government of India. The NDRF is administered by the National Executive Committee.

In the event of a calamity of a severe nature when the State's DRF is insufficient to meet the relief requirements, additional central assistance is provided from National Disaster Response Fund (NDRF), after following the laid down procedure. The State Government is required to submit a memorandum indicating the sector-wise damage and requirement of funds. On receipt of memorandum from the State, an Inter-Ministerial Central Team is constituted and deputed for an on the spot assessment of damage and requirement of funds for relief operations, as per the extant items ad norms. The report of the Central Team is considered by the Inter-Ministerial Group (IMG) / National Executive Committee (NEC) headed by the Home Secretary. Thereafter, the High Level Committee (HLC) comprising of the Finance Minister, the Agriculture Minister, the Home Minister and the Deputy Chairman, Planning Commission considers the request of the State Government based on the report of the Central Team, recommendation of the IMG thereon, extant norms of assistance and approves the quantum of assistance form NDRF. This is, however, subject to the adjustment of 75% of the balance available in the State's SDRF for the instant Calamity. Expenditure from SDRF/ NDRF is incurred by the State Government on eligible calamities as per the Items and Norms of expenditure from State Disaster Response Fund and the National Disaster Response Fund prescribed by the Ministry of Home Affairs, Government of India with the concurrence of Ministry of Finance.

16.8.3 Chief Minister's Relief Fund:

Whirlwind, Tornadoes and Disasters like lightening, Heat wave, Boat Tragedy in normal times are responsible for about 75% of total human causality due to all types of disasters. Yet these disasters have been included in list of eligible calamities for incurring expenditure from SDRF / NDRF. The State Government has made provisions for payment of ex-gratia to the bereaved families of persons who die due to such calamities. Release of Funds to Departments and Districts: Funds required towards pure relief to affected persons / families of natural calamities in shape of emergency assistance, organizing relief camp / free kitchen / cattle camp, agriculture input subsidy and other assistances to affected farmers, ex-gratia as assistance for death case grievous injury, house building assistance, assistance for replacement of milch / draught animals and poultry, assistance to fisherman / fish seed farmers / sericulture farmers, assistance for repair / restoration of dwelling houses damaged due to natural calamities are administered through the respective collectors. Part funds towards repair / restoration of immediate nature of the damaged public infrastructure are released to the Departments concerned. On receipt of requisition from the Collectors / Departments concerned, funds are released after obtaining approval / sanction of S.E.C. However, funds towards pure relief are released under orders of Special Relief Commissioner / Chief Secretary and the same is placed before the State Executive Committee in its next meeting for approval. To save delay, Collectors have been instructed to disburse the ex-gratia assistance from the available cash and record the same on receipt of fund from Special Relief Commissioner

CHAPTER - XVII

17.0 LESSONS LEARNT AND DOCUMENTATION

Cuttack is the financial Capital of Odisha and the past capital of the State. It lies between two major rivers the Mahanadi, the largest river of the State and Kathojodi the city is protected by high embankments on either side. The bed of both these rivers are at a level higher than the city and hence Cuttack is like bowl prone to Severe water logging that stayed for weeks causing serious hazard During the heavy flow water in the rivers on either side of the city if any if the embankment crack a major portion of the city would have sashed.

Tropical cyclones from the Bay of Bengal bring severe and widespread destruction, especially when accompanied by storm surges, high winds, and extreme rainfall that results in riverine flooding. Hence Cuttack district is more vulnerable to natural disaster like Flood, Draught, Earthquake & Cyclone Cuttack which is also situated in Seismic Zone III like Bhubaneswar, however has 14% of the city under the extreme to high earthquake risk category. In terms of wage loss, the working class in Cuttack may suffer wage loss of Rs 50 crore for anything between a 4-day long cyclone and 10-day-long flood. In terms of loss to properties due to earthquake and cyclone, Cuttack fared worse due to old structures. It is estimated that probable maximum loss to buildings in Cuttack due to earthquake and Cyclone.

After the Super Cyclone 1999, the district has experienced a very severe tropical cyclone hit coastal Odisha on 12th October, 2013. The IMD forecasted the approach of severe cyclonic storm Phailin and anticipating the intensity of the severe cyclonic storm the district administration made elaborate arrangement to face the disaster starting from the District headquarters to the Panchayat and village levels. All the field level functionaries of Revenue, Panchayati Raj, Health and other line Departments were alerted to be in readiness to mitigate the disaster. All the field level functionaries were geared into action from 10 October and sensitize the people about the possible outcome of the very severe tropical cyclonic storm “Phailin” and its intensity and severity and repeatedly advised the people to take shelter at Cyclone shelter centers and also at different buildings declared as temporary cyclone shelter centers. The message was given to the people at large through public address system and Print and Electronic Media. All Block Development Officers and Tahasildars were also instructed to remain present in the headquarters and monitor the arrangement from time to time and apprise the district administration at regular intervals. All Government officials working in the district were also instructed not to leave headquarters and avail leave during “Dasahara” festival was going on during that time. Taking into consideration of the magnitude of the disaster, the Government also cancelled the Puja Holidays of its employees. The BDOs and Executive Officers of the urban local bodies were instructed to keep the food stuffs and drinking water reserve in inaccessible pockets and also in the panchayat godowns.

17.1 FANI

The Extremely Severe Cyclonic Storm FANI over west central and adjoining southwest Bay of Bengal moved west wards with a speed of about 07kmph and crossed Odisha Coast in Puri on 3rd May 2019 Forenoon with a wind speed of 175-185 kmp gusting to 205 kmph. Cyclone with Severe winds and torrential downpours affected Cuttack City severely. Under the guidance of DDMA Cuttack and Commissioner Municipal Corporation already had thought of Response Planning, Preparedness and preventive actions to stop damages are listed below:

- 1) Joint co-ordination meeting with line departments and field staff were periodically reviewed by DDMA and Collector Cuttack on 29th April to 1st May
- 2) Commissioner CMC, Executive Officers of NACs, BDOs and Tahsildars are also Instructed to identify the suitable schools and evacuate the people to safe places.
- 3) Evacuation plan has been chalked about aiming for identified slums and low-lying areas at 91 locations tagging to 65 safe shelters i.e basically the educational institutions with knowledge of Education and Emergency office in CMC Area similarly BDOs and Tahsildars also prepared similar Evacuation plan for their respective areas.
- 4) Stress has been fixed on Grass root level Early Warning Dissemination and connectivity.
- 5) Co-ordination has been set up with Police, Volunteers (Local) in tagging the CMC tax collectors, community organizers and sanitary inspectors for better management of response to Cyclone FANI.
- 6) District Emergency Office Control Room & CMC Control Room functioned round the clock under the supervision of Senior Officers and clerical staff.
- 7) Monitoring of evacuation and relief operation were conducted by Zone Officers including supply of cooked food to all shelters.
- 8) After Cyclone major focus was given to Drinking Water Supply, Restoration of electricity, removal of uprooted trees road clearance and Debris Management in the Cuttack City area and Blocks.
- 9) District Administration instructed every line department for damage assessment, restoration of electricity, facilitating UN Team visit and taking all possible steps to bring back Cuttack District to normalcy.

17.2 COVID -19

Social Distancing is a proven public health tool to slow down the spread of highly contagious disease like COVID-19. In simple language, people should not touch each other and stay far enough from each other so that virus cannot spread from person to person.

World Health Organization has declared COVID-19 as a Pandemic, which is caused by Novel Corona Virus. This is a highly contagious organism and can infect a healthy person coming in direct contact or within one-meter distance of an infected person through droplet infection.

Usually a person develops symptoms of COVID-19 like fever and cough/ respiratory difficulties between 2-14 days of infection/ virus entry in human body. An infected person can pass the infection to the healthy person even before the appearance of symptoms of COVID-19 disease.

So, when we practice social distancing, we are preventing the spread of virus from one to other and hence transmission chain is broken. This would help in slowing down the spread of the disease and finally containing it.

DO's and DONT's at various level

SL. No.	Level of Intervention	DO's	DON'T's
1	Individual	<ul style="list-style-type: none"> - Stay home - Greet from distance more than 1m - Self-reporting if you have returned from abroad - Use your elbow fold while coughing/ sneezing - Practice frequent hand washing 	<ul style="list-style-type: none"> - Do not handshake or hug or touch body of another person - Avoid congregations as you never know that there may be infected person - Do not spread rumours and misinformation - Do not visit hospital without prior information if you are having fever and cough (if you have contact of COVID-19 case/ returned from abroad)
2	Family	<ul style="list-style-type: none"> - Counsel all the family members to avoid congregations and unnecessary outings - If any family member returned from abroad keep him at home, report immediately if he/she develops any symptoms and keep him/ her in home quarantine - Keep the list of all the contact of the person returned from abroad and inform - Take care of your elderly members and members with chronic infections (Diabetes/ Heart disease/ Asthma) 	<ul style="list-style-type: none"> - Don't organize family get together/ parties, etc. - Do not hide the information from the authorities/ health personnel - Maintain distance of more than 1 meter from family members suffering from fever and cough/ cold - Do not directly touch the clothes/ articles used by person suffering - Do not mis-inform/ spread rumour, etc.
3	Community	<ul style="list-style-type: none"> - Encourage practice of Social Distancing - Report any person returning from other countries - Display IEC materials related to social distancing, hand washing and cough etiquettes at common 	<ul style="list-style-type: none"> -

SL. No.	Level of Intervention	DO's	DON'T's
		places	
4	Workplace (For Essential Services only)	<ul style="list-style-type: none"> - Use online conferencing and phones for communication even within same building - Encourage work from home wherever possible - Bring your lunch and eat at your desk - Display and follow the workplace advisory with true spirit 	<ul style="list-style-type: none"> - Avoid in-person/ face-to-face meetings, staff gatherings - Do not congregate in work rooms, pantries and other areas where people socialize. - Prevent any staff having fever/ cough visiting office

17.3 Flood 2022

Cuttack district has been one of the worst hit in the prevailing flood situation in the State as several areas of Banki, Damapada, Badamba, Narasinghpur, Tigiria and Athagarh blocks have been marooned. Moreover, the communication link to most of the affected villages has been snapped because of 3-5 feet of floodwater running over important roads at different places in the district.

Mancheswar-Nuapatana road, Kakhadi-Bramhanabasta and old Cuttack-Sambalpur roads are submerged in Athagarh block; RD road from Talabasta to Bilipada, main roads to Kuspangi, Sukhuakhala, road from Shimilipur to Bilipada via Jorakula in Damapada block have remained cut off. Similarly, communication link to several areas in Banki remain cut off with floodwater overflowing over Huluhula Nullah near Govindpur, Chandrapa Nullah and Jatamundia bridge.

A 71-year-old man of Gayalbanka went missing after he slipped and was swept away in Mahanadi while taking bath at Devidwar ghat on Wednesday. According to a preliminary report of the district administration, as many as 1,92,624 people of 333 villages belonging to 95 gram panchayats in 11 blocks and 2 ULBs have been affected by the flood in Mahanadi and its tributary rivers such as Kathajodi, Luna, Chitroptala and Birupa.

Banki, Damapada, Badamba, Narasinghpur, Tigiria and Athagarh are the worst affected blocks of Cuttack district, where 136 villages have been marooned. "Many people who are found to have taken shelter on the roof of their buildings in the marooned pockets are not interested to shift to safer places," said a fire service personnel engaged in evacuation and rescue operation in Banki.

Three ODRAF teams have been deployed in Banki, Damapada and Kantapada blocks. Considering the situation, a NDRF team and two fire service response teams have also been deployed in Banki.

While, 53,096 people have so far been evacuated to 80 shelters set up in the worst affected blocks, free kitchen have been set up at 35 marooned pockets for three days.

As many as 28 mobile health teams, 14 mobile veterinary teams have been deployed to provide necessary health service to people and their domestic animals, Cuttack Collector Bhabani Shankar Chayani informed. However, he added that the situation is not so dangerous as the water level is receding.

Schools on alert amid heavy rain forecast:

There are 96 schools have been affected by the flood in the district where classes have been suspended. Highest 31 schools have been affected in Damapada block followed by 19 in Banki block.

“All BEOs have been instructed to keep a close tab on the situation and to take immediate steps for suspension of classes if the flood situation poses threat.

The district education officers, district project coordinators and block education officers have been asked not to leave their headquarters. The department has directed all the headmasters to allow use of MDM food grains, if necessary, by the district administration which will be recouped from the SRC and also allow use of school buildings for shelter and relief distribution.

A District Level Meeting was held at Conference Hall, Collectorate, Cuttack under the chairmanship of Collector, Cuttack, MP & all MLAs of Cuttack District participated in the meeting.

At the outset, Collector welcomed all the Officers, MP, MLAs and discussed on the action taken and action plan to be provided by the District Administration to combat any disaster.

1. **Control Room:** The District Emergency Officer intimated the house regarding functioning of Control Room with Telephone No. 0671-2507842 round the clock. Control Rooms shall also function at sub-division, block level and at all line Department.
2. **Flood Zone:** 14 Flood Circle Zones have been formed in 14 Blocks under the supervision of concerned BDOs. All BDOs were instructed to review the activities of sub-zone offices periodically.
3. **Availability of Power Boats:** Power boats & Country Boats status was reviewed and all BDOs were instructed to keep the Boat Drivers ready for the purpose.
4. **Emergency food stuff:** The CSO, Cuttack and all BDOs have instructed to ensure storage of food grains and distribution of K.oil to the eligible beneficiaries prior to the onset of rainy season.
5. **Multipurpose Flood & Cyclone Shelters/School Shelters:** There are 25 Flood & Cyclonic Shelters & 536 School Shelters. All BDOs were instructed to ensure for proper maintenance of the shelter houses soon in view of the impending possible flood.
6. **Formation of Rescue & Relief Teams:** All BDOs were requested to submit Evacuation Plan which shall include the people staying at low lying areas and Kutcha houses.

7. **Transportation**: RTO was directed to provide Contingency Plan in advance for providing required vehicles for transportation of relief materials as and when required.
8. **Drinking Water**: PH-I & II & RWSS-I & II were instructed to provided details of the arrangements like Tube wells, Tankers and Gen set at different areas of the District to provide safe drinking water at the time of disaster.
9. **Agriculture**: The Chief District Agriculture Officer, Cuttack has been instructed to prepare contingency plan for Flood in respect of Cuttack district. List of farmers along with account nos may be kept in readiness ahead for early assessment and disbursement. The circulars of SRC must be followed for proper assessment and payment of Input subsidy.
10. **Health Measures**: CDMO was directed to provide preparedness plan regarding availability of essential medicines and anti-venom to be supplied during disaster.
 - a. Ensure availability of all necessary medicines like anti snake venom, halogen tablets, bleaching powder, ORS, etc. in different PHCs/ CHCs.
 - b. Positioning of all clinical man power in all hospitals. Infrastructural and Logistics readiness of all hospitals.
 - c. Deployment of Health team to MFS/MCS/ additional shelter in post Flood/ Cyclone situation.
 - d. Mobile teams are to be formed with Doctors and Para Medical Personnel with Drugs to rush to the spot at the time of emergency under intimation to district Office.
 - e. All the drinking water sources should be disinfected during the monsoon. The Health control room should be functional at district and sub-divisional level and CHCs.
11. **Veterinary Measures**: Control Rooms shall function in the Office of the CDVO and SDVOs for monitoring and supervision during the emergency under intimation to District Office.
 - a. CDVO to submit the detailed contingency plan to handle any disaster situation for providing food, shelter, medicines etc. to the animals.
 - b. The CDVO to identify the vulnerable places and assess the live-stocks to be affected due to flood and cyclone
 - c. Preventive vaccination to control contagious diseases of lives stocks must be complete before monsoon.
 - d. The CDVO to organize cattle shelter camp and ensure their management. The funds required for cattle fodder be communicated to the Director, Veterinary.
 - e. The Mobile Veterinary teams to be formed and placed in different strategic points
12. **Advance preparedness in CMC Area**:
 - a. The instructions given to all sections of CMC and line departments for preparedness of monsoon situation 2022.
 - b. Identified the Low-lying areas which are vulnerable to flood or likely to be cut off.
 - c. Identified of safe shelters to be used during flood / Cyclone.
 - d. Activate of Flood/ Cyclone Shelter Management
 - e. Arrangement of minimum basic requirement at the shelters like Food, Drinking water and light.
 - f. Convey meeting of all sections of CMC / line departments
 - g. Arrangements of proper sanitation measures in the shelters.
 - h. Assignment of staff for smooth management of shelters.

- i. Functioning of Control room round the clock with adequate manpower of appropriate hierarchy.

13. Arrangements for Immediate Restoration of Essential Power, Telecommunication & Roads etc:

- a. Restoration of vulnerable poles, old/ weak wires to withstand wind speed in emergency situation.
- b. Restoration of power supply if interruption arises due to emergency situation.
- c. General Manager, TPCODL divisions of Cuttack District may share their arrangements made in the house.
- d. Further telecom provider like Jio, Airtel, BSNL, etc. shall ensure power back up at Telephone Towers in case of power break.
- e. They must keep ready their technical team for tower replacement.

14. Fire Safety:

- a. Verification of their own logistic like power boats, other equipment's to check whether in working condition or not.
- b. Ensure all equipment placed in Multipurpose Flood/ Cyclone Shelters are in working condition in consultation with BDOs/Executive Officers.
- c. Instructions given to all BDOs for physical verification of all equipment with support of fire service team.
