



**ANNUAL ACTIVITY REPORT FOR THE
YEAR – 2016-17**

MAYURBHANJ IRRIGATION DIVISION, BARIPADA

BRIEF HISTORY.

Mayurbhanj is one of the District of Odisha lies on the northern most part of the State having 21'.16' to 22'.34' Northern latitude & 85'.40' to 87'.11' East longitude. It is bounded by Medinipur District of West Bengal in the west, Singhbhum District of Jharkhand State in the north west, Balasore District in the south east and by Keonjhar District in the south west. Total geographical area of Mayurbhanj District is 10418 km. It is one of the tribal dominated district in Odisha. Population of the district is 25,13,895 as per 2011 census and the population density is 241 inhabitants per square kilometer . Mayurbhanj district has got the Similipal Natural Park and has given ways to the river Subarnarekha, Budhabalanga, Jambhira, Sonmo, Gangahar etc. from west to east before going to Bay of Bengal through Balasore District. This division has also got three nos. of Medium Irrigation Projects namely, Kalolrn. Project, Suneilrn .Project and Balidiha Irrigation Project.Out of three Medium Irr. Projects ,Balidiha Project is a diversion weir Project and constructed by the then Maharaja of Mayurbhanj in the year 1912. The other two projects are reservoir Projects and constructed during the year 1975 - 1985.

Mayurbhanj Irrigation Division, Baripada was created in the year 1983. This Division looks after the operation and maintenance of all three nos. of Medium Irrigation Projects. Besides these this division is also looks after the Flood Control works and maintenance work of river embankments of river Subarnarekha, Budhabalanga, Jambhira and their tributaries i.e. Gangahar, Sono, Katra, Nalhua etc.

Mayurbhanj Irrigation Division, Baripada comprises of three numbers of Sub-divisions and twelve numbers of sections as detailed below.

A) Baripadalrrn. Sub-division, Baripada.

- 1) Balidiha Irrigation Section.
- 2) Baripada Irrigation Section.
- 3) Manitri Irrigation Section.
- 4) K.C.Pur Irrigation Section.

B) Sunei Irrigation Sub-divn, Udala.

- 1) Udalalrrn. Section.
- 2) Berhampur Irrn. Section.
- 3) Salchua Irrigation in Section.
- 4) Kaptipada Irrigation Section.

(C) Kalo Irrigation Sub-division, Chuiniposi.

- 1) Kalolrrn. Section No.I, Chuiniposi.
- 2) Kalolrrn. Section NO. II, Pingu.
- 3) Kalo Irrigation Section No. III, Udala.
- 4) Kalo Irrigation Section No. IV, Kainsari.

Staff position of Mayurbhanj Irrigation Division

Gazetted		Non-Gazetted	
Executive Engineer	1	Sr. Clerk	2
Dy. Ex. Engineer	0	Jr. Clerk	4
A.E.E.	3	Jr. Steno	1
A.E.	11	Draughtsman	1
J.E.	2	Peon	10
DAO-1	1	Night Watchman	1
		Work Charge & Wages	68
		N.M.R.	33
Total	18	Total	120

INFORMATION IN RESPECT OF MAYURBHANJ IRRIGATION DIVISION, BARIPADA

KALO IRRIGATION PROJECT

Kalo Irrigation project is a reservoir project near village Chhanua under Kaptipada block in the district of Mayurbhanj. The Dam is an earthen Dam of 20.22 mt maximum height and 2450mt long to provide Irrigation to 4904 Ha. inKhariff and 2400 Ha. in Rabi. The present Irrigation potential of the project is 4904 Ha. inKhariff covering 60 villages in its ayacut. For smooth irrigation management total 10 nos. of Panipanchayats have been formed for its command area. Election for President, Secretary & Treasurer for the project committee have been completed. For rehabilitation of dam under DRIP, the work has been completed

SUNEI IRRIGATION PROJECT

Sunei Irrigation project is a reservoir project, across river Sono near village Salachua under Kaptipada Block of Mayurbhanj district. The dam is an earthen dam of 30m. maximum height and 2134 m. long to provide irrigation to 9825 Ha during Khariff and 5200 Ha. during Rabi. This project is providing Irrigation benefit to 152 villages in Mayurbhanj&Balasore district. For better management of irrigation among the farmers 20 no. of Panipanchayats have been formed. Election for all the P.P. has been completed. Under ADB Assistance renovation work of Suneilrr. Project have been completed.

BALIDIHA IRRIGATION PROJECT

It is a diversion weir project across Palpala river in Shyamakhunta Block constructed during the year 1912 by the then MayurbhanjMahraja having irrigation potential of 3832 Ha. in Khariff in Shyamakhunta Block of Mayurbhanj District covering 49 villages. For smooth irrigation management, 6nos. of Panipanchyats have been formed. The fresh election has been completed during 2013. During khariff irrigation 2015 Water has been supplied to the tail end of all canals.

RIVER EMBANKMENT.

This division has got TRE embankment in different rivers i.e. in Budhabalanga, Jambhira, Sono, Gangahar, Sananai & Subarnarekha for a length of 80.25km. and OAE for a length of 3.50km. in Budhabalanga & Baitarani river .

Details of embankments under this Division are as below:

Sl.No.	Type of embankment.	Length in K.M.	Remarks.
1	Other Agri. Embakment	3.5	Baitarani & Budhabalanga
2	Test Relief Embakment	80.25	Budhabalanga, Sono, Jambhira & Gangahara

**SALIENT FEATURES OF PROJECTS UNDER
MAYURBHANJ IRRIGATION DIVISION, BARIPADA.**

Sl. No.	Salient Features	Unit			
			SUNEI	KALO	BALIDIHA DIVERSION WEIR.
1	Catchment Area	Sqm	227	153	205
2	Maximum Design Discharge.	Cumecs	2874	1750	4323
3	Top level of Dam	Meter	88	79.55	.....
4	M.W.L/F.R.L	Meter	85	77.7	.....
5	D.S.L	Meter	72	71.32	.....
6	Live storage Capacity	Meter	6160	2424	.....
7	Dead storage capacity	Meter	840	546	.....
8	Length of Dam	Meter	2134	2450	.....
9	Maximum height of dam	Meter	30	20.22	6.96
10	Top width of dam	Meter	5	6.1	1.22
11	Type of spillway	....	Ogee type Radial gate	Ogee type Radial gate	Masonry weir(ungated)
12	Length of spillway	Meter	84.5	70	Length of weir 173.00
13	Crest level of spillway	Meter	79	71.7	80.85
14	No.and size of spillway gates	No/ meter	6nos x (12.00 x 6.00	5nos x (12.00 x 6.00	....
15	G.C.A	Ha.	10000	7155	4970
16	C.C.A (Design)	Ha.	10000	4904	3832
17	Khariffaycut (Design)	Ha.	10000	4904	3832
18	Rabi ayacut (Design)	Ha.	5200	2400	50
19	Intensity of Khariff	Perce-ntage	100%	100%	100%
20	Intensity of Rabi	Perce-ntage	52%	42%	13%
21	Design discharge of main canal	Cumecs	9.1	5.5443	Left=0.986 Right =327
22	Panipanchayat.	No	20	10	6

INFORMATION ON KHARIFF ACHIEVEMENT FOR THE YEAR OF 2016 & RABI PROGRAMME FOR 2016-17 UNDER MAYURBHANJ IRRIGATION DIVISION, BARIPADA.

Sl. No	Name of the Project.	Name of the District.	Tahasil/ Block.	Design ayacut.		Khariff achievement. (Ha)		Rabi programme		Remarks.
				Khariff	Rabi.	Program me	Achievem ent.	Program me	Total	
1	2	3	4	5	6	7	8	9	10	11
1	Baldihalm. Project. (Diversion weir)	Mayurbhanj	Samakhunta	3,832.00	150.00	3,832.00	3,832.00	100	100	100Ha has been achieved
2	Kalo Irrn.Project.	Mayurbhanj	Udala,	4,904.00	2,400.00	2,883.00	2,883.00	1170	2070	.1451Ha has been achieved
			Kaptipada			2,021.00	2,021.00	900		
3	Sunei Irrm. ,Project	Mayurbhanj	Udala,	7,705.00	5,200.00	2,540.00	2,540.00	1810	5200	2249Ha has been achieved
			Kaptipada,			4,940.00	4,940.00	3390		
			G.B.Nagar			225.00	225.00	0		
		Balasore	Nilagiri	2,120.00		2,120.00	2,120.00	0		
			Total	18561.00	7750.00	18561.00	18561.00	7370.00	7370.00	

Canal wise ayacut of Baldiha, Sunei & Kalo Irrigation Project.

Name of the Project: Balidiha Irrigation Project (D/W)

Sl No.	Name of Canal	Canal length (Km.)	Design CCA in (Ha)	Khariff Programme 2016 (Ha)	Khariff achievement2016 (Ha)	Canal length not getting water (Km)	CCA not getting water	Remarks
1	2	3	4	5	6	7	8	
1	Right main canal -	13.485	598.15	598.15	598.15	Nil	Nil	
2	Khandia distry.-	4.086	181.4	181.4	181.4	do	do	Direct outlets
3	Kuchiamara distry.-	2.59	110.32	110.32	110.32	do	do	
4	Khuntapal distry.-	5.835	230.29	230.29	230.29	do	do	
5	Kisandahi distry.-	1.89	161.3	161.3	161.3	do	do	
6	Bangei distry.-	4.23	338.6	338.6	338.6	do	do	
7	Jagannathpur distry. -	3.70	368.01	368.01	368.01	do	do	
8	Salbani distry.-	1.32	37.13	37.13	37.13	do	do	
9	Bholagadia distry.-	1.505	126.5	126.5	126.5	do	do	
10	Rangamatia distry.-	0.675	34.4	34.4	34.4	do	do	
11	Baligada distry.-	1.62	35.0	35.0	35.0	do	do	
12	Jayvilla distry.-	0.59	19.3	19.3	19.3	do	do	
13	Ambasikida distry.-	2.118	128.53	128.53	128.53	do	do	
14	Chahatia distry.-	1.095	29.8	29.8	29.8	do	do	
15	Sirisbani distry.-	3.54	302.7	302.7	302.7	do	do	

16	Sudiamb distry.-	2.586	148.7	148.7	148.7	do	do	
17	Asanbani distry.-	0.989	32.00	32.00	32.00	do	do	
18	Samakhunta distry.-	1.123	105.9	105.9	105.9	do	do	
19	Jambani distry.-	1.679	96.63	96.63	96.63	do	do	
20	Bahadurpur distry.-	1.772	111.06	111.06	111.06	do	do	
21	Tikarpada distry.-	1.524	38.45	38.45	38.45	do	do	
22	Pal canal -	2.232	79.64	79.64	79.64	do	do	
23	Left main canal -	6.535	346.12	346.12	346.12	do	do	
24	Jualirama distry.-	3.675	172.15	172.15	172.15	do	do	
	Total		3832	3832	3832			

Name of the Project: Sunei Irrigation Project.

Sl No.	Name of Canal	Canal length (Km.)	Design CCA in (Ha)	Khariff Programme 2016 (Ha)	Khariff achievement 2016 (Ha)	Canal length not getting water (Km)	CCA not getting water	Remarks
1	2	3	4	5	6	7	8	
1	Bisol Distributary	23.54	304.80	304.80	304.80	Nil	Nil	Direct outlets
	Majhigadia S/M	0.75	108.31	108.31	108.31	do	do	
	Parasabadi S/M	1.20	32.27	32.27	32.27	do	do	
	Gayalamara S/M	2.72	37.82	37.82	37.82	do	do	
	Baniaposi S/M	0.78	97.02	97.02	97.02	do	do	
	Dangar Sahi S/M	0.42	47.00	47.00	47.00	do	do	
	Badampada S/M	1.08	42.49	42.49	42.49	do	do	
	Khuntabila S/M	1.30	73.44	73.44	73.44	do	do	
	Sudsudia S/M	2.43	150.59	150.59	150.59	do	do	
	Parasabani S/M	0.19	41.08	41.08	41.08	do	do	
	Beldiha S/M	1.15	178.00	178.00	178.00	do	do	
	Janakpur S/M	2.51	224.10	224.10	224.10	do	do	
	Janakpur II S/M	0.69	60.36	60.36	60.36	do	do	
	Khuntapal Minor	1.57	79.68	79.68	79.68	do	do	Direct outlets
	Khuntapal S/M	3.19	254.57	254.57	254.57	do	do	
	(a) Khadimadaranga S/M	2.88	108.30	108.30	108.30	do	do	
	Badbisol S/M	3.20	343.16	343.16	343.16	do	do	
	Badbadi Minor	1.81	94.74	94.74	94.74	do	do	Direct outlets
	Badbadi S/M	2.29	181.62	181.62	181.62	do	do	
	(a) Benipur S/M	0.36	42.00	42.00	42.00	do	do	
	Sanagudgudia S/M	1.35	123.15	123.15	123.15	do	do	
	Badgudgudia S/M	0.33	52.12	52.12	52.12	do	do	
	Siripur Minor	0.42	282.31	282.31	282.31	do	do	Direct outlets
	Ramachandrapur S/M	0.20	52.80	52.80	52.80	do	do	
	Sarasavilla S/M	0.51	14.67	14.67	14.67	do	do	
	Mouda Minor	3.20	144.02	144.02	144.02	do	do	
	Naraharipur S/M	1.05	84.62	84.62	84.62	do	do	

	Bairatpur S/M	2.30	277.76	277.76	277.76	do	do	
	Kirikichia Minor	3.84	182.70	182.70	182.70	do	do	Direct outlets
	Pcpur S/M	1.46	131.87	131.87	131.87	do	do	
	(a) Mouda S/M	0.36	41.95	41.95	41.95	do	do	
	Manadi S/M	0.34	54.04	54.04	54.04	do	do	
	Jadukhunta S/M	1.47	138.31	138.31	138.31	do	do	
	Khuntapal S/M	1.68	159.54	159.54	159.54	do	do	
	(a) Dimbagadia S/M	1.81	95.03	95.03	95.03	do	do	
	Kuchiladiha S/M	2.82	197.33	197.33	197.33	do	do	
	(a) Hatimoda S/M	0.68	51.45	51.45	51.45	do	do	
2	Kaptipada Disty.	5.70	120.54	120.54	120.54	do	do	Direct outlets
	Gendagadia Minor	2.70	80.98	80.98	80.98	do	do	
	Gendagadia Left S/M	2.06	93.22	93.22	93.22	do	do	
	Gendagadia Right S/M	0.70	87.71	87.71	87.71	do	do	
	Mahisasuri S/M	1.42	75.65	75.65	75.65	do	do	
	Sologadia S/M	1.06	55.80	55.80	55.80	do	do	
	Kaptipada Minor	2.05	102.01	102.01	102.01	do	do	Direct outlets
	Nuasahi S/M	0.89	39.24	39.24	39.24	do	do	
	kusunpur S/M	2.00	135.00	135.00	135.00	do	do	
	Kaptipada S/m	5.28	203.70	203.70	203.70	do	do	
	Badkhaladi minor	7.10	329.82	329.82	329.82	do	do	Direct outlets
	Bhadhamala S/M	2.87	177.13	177.13	177.13	do	do	
	Durgapur S/M	0.93	73.08	73.08	73.08	do	do	
	Nachhipur S/M	1.58	175.29	175.29	175.29	do	do	
	Goudgan S/M	0.66	62.53	62.53	62.53	do	do	
	Machhia S/M	0.59	50.94	50.94	50.94	do	do	
	Baniagan S/M	0.84	50.85	50.85	50.85	do	do	
	Jhinkpada S/M	1.76	132.48	132.48	132.48	do	do	
2	Berhampur Disty.	16.78	530.96	530.96	530.96	do	do	
	Radho S/M	1.83	162.80	162.80	162.80	do	do	
	Dihirakul S/M	4.00	196.68	196.68	196.68	do	do	
	Dihirakul Left S/M	0.17	42.42	42.42	42.42	do	do	
	Pahanda S/M	0.23	43.97	43.97	43.97	do	do	
	Madhupuria S/M	1.23	93.38	93.38	93.38	do	do	
	Kaduaani S/M	0.30	62.08	62.08	62.08	do	do	
	Machhabhandara S/M	2.96	178.27	178.27	178.27	do	do	
	Berhampur S/M	1.64	122.00	122.00	122.00	do	do	
	Barkuria S/M	0.54	66.97	66.97	66.97	do	do	
	Bhaudia S/M	1.20	49.52	49.52	49.52	do	do	
	Berhampur Minor	0.69	61.08	61.08	61.08	do	do	Direct outlets
	Badapalasa S/M	1.67	107.32	107.32	107.32	do	do	
	Bankuria S/M	0.45	42.35	42.35	42.35	do	do	
	Arbandh Minor	2.66	31.49	31.49	31.49	do	do	Direct outlets
	Uperdiha S/M	0.56	38.47	38.47	38.47	do	do	
	Saldhar S/M	4.42	297.38	297.38	297.38	do	do	

	(a) Matiali S/M	0.45	51.45	51.45	51.45	do	do	
	(b) Dha-bani S/M	0.58	77.00	77.00	77.00	do	do	
	Bhandagan S/M	0.70	73.02	73.02	73.02	do	do	
	Kirkichia S/M	0.34	72.11	72.11	72.11	do	do	
	Madhupur S/M	0.84	109.35	109.35	109.35	do	do	
	Bauriora S/M	1.71	131.42	131.42	131.42	do	do	
	Patsanipur Minor	1.92	66.56	66.56	66.56	do	do	
	Gada S/M	1.35	159.31	159.31	159.31	do	do	
	Patsanipur Sub-Minor	2.81	200.46	200.46	200.46	do	do	
	Baradihi S/M	1.54	126.18	126.18	126.18	do	do	
			9825.00	9825.00	9825.00			

Name of the Project: Kalo Irrigation Project

Sl No.	Name of Canal	Canal length (Km.)	Design CCA in (Ha)	Khariff Programme 2016 (Ha)	Khariff achievement 2016 (Ha)	Canal length not getting water (Km)	CCA not getting water	Remarks
1	2	3	4	5	6	8	9	
1	Kalo Main Distributory	23.500	699.57	699.57	699.57	Nil	Nil	Direct outlet
2	Chuiposi minor	3.300	136.38	136.38	136.38	do	do	
3	Asanabani subminor	0.690	41.88	41.88	41.88	do	do	
3	Gadiapal minor	2.250	119.37	119.37	119.37	do	do	Direct outlet
4	Pingu subminor	1.390	59.46	59.46	59.46	do	do	
5	Kaliasahil subminor	0.755	47.38	47.38	47.38	do	do	
6	Patpur minor	5.760	504.31	504.31	504.31	do	do	Direct outlet
7	Mahulbani subminor	1.595	131.60	131.60	131.60	do	do	
8	Jarada subminor	1.413	74.37	74.37	74.37	do	do	
9	Nuagaon Sub minor	2.505	158.58	158.58	158.58	do	do	
10	Talia subminor	0.250	53.00	53.00	53.00	do	do	
11	Potaldiha subminor	1.650	178.98	178.98	178.98	do	do	
12	Chakradharapur subminor	1.380	58.74	58.74	58.74	do	do	
13	Kukurdima subminor	1.663	73.41	73.41	73.41	do	do	
14	Jalda minor	4.300	429.16	429.16	429.16	do	do	Direct outlet
15	Kanakpada subminor	1.300	106.60	106.60	106.60	do	do	
16	Bhimtali sasan minor	3.098	202.41	202.41	202.41	do	do	Direct outlet
17	Jalda subminor	0.875	35.42	35.42	35.42	do	do	
18	Purunapani subminor	0.740	22.34	22.34	22.34	do	do	
19	Bhurudubani subminor	1.150	71.56	71.56	71.56	do	do	
20	Ambadiha subminor	1.600	115.46	115.46	115.46	do	do	
21	Mendhakhai minor	3.450	307.19	307.19	307.19	do	do	Direct outlet
22	Jagannathi subminor	0.940	46.89	46.89	46.89	do	do	
23	Adapal minor	1.600	266.13	266.13	266.13	do	do	

24	Jualia minor	3.450	294.41	294.41	294.41	do	do	
25	Raidandia subminor	1.660	180.49	180.49	180.49	do	do	
26	Chhotraipur subminor	1.413	79.85	79.85	79.85	do	do	
27	Khaladi subminor	1.950	81.82	81.82	81.82	do	do	
28	Kainsary minor	2.800	238.24	238.24	238.24	do	do	
29	Beguniadiha subminor	0.890	89.00	89.00	89.00	do	do	
Total			4904.00	4904.00	4904.00			

35% Irrigation Potential – Out of 26 Blocks in Mayurbhanj District, 10 Blocks are deficit of 35% Irrigation Potential. Program has been made to achieve the deficit ayacut by March- 2019 .

ALLOTMENT & EXPENDITURE FOR PLAN & NON-PLAN SCHEMES UNDER C.E,F.C & B.M. L.M.B BHUBANESWAR FOR THE YEAR 2016-17.

SL. No	Name of Scheme	Allotment (Rs. In Lakhs)	No of Works	Expenditure (Rs. In Lakhs)	Remarks
	<i>PLAN</i>				
1	NABARD	705	6	705	
2	FLOOD CONTROL (STATE PLAN)	260	17	260	
3	R.E. RESTORATION	335	12	335	
	<i>NON-PLAN</i>				
4	R.E. CRITICAL	75	10	75	
5	R.E. ROADS	25	2	25	

Physical achievement - During 2016-17 1.695km of new TRE embankment has been constructed & Bank protection work for a length of 2.79km has been achieved in different rivers.

ALLOTMENT & EXPENDITURE FOR PLAN & NON-PLAN SCHEMES UNDER C.E & B.M. B.S.BASIN LAXMIPOSI FOR THE YEAR 2016-17.

Sl. No.	Name of the scheme	Allotment(Rs. In Lakhs)	No of Works	Expenditure (Rs. In Lakhs)	Remarks
	<i>PLAN</i>				
1					
2	PERIPHERY DEVLOPMENT	20.24	1	20.24	
	<i>NON-PLAN</i>				
1	CANAL CRITICAL	566	47	566	
2	ROAD & BRIDGES	68	8	68	
3	NON-RESIDENTIAL BUILDING	14.5	5	14.5	

Physical achievement - During 2016-17 C.C. lining for a length of 6.151km & G. wall 4.6km has been constructed in Disty., Minor & Sub-minors of three Medium Irrigation Projects.

Quality Control Measures

The Quality Control activities to execute work qualitatively are given due importance. Materials used for the work are being sent to the Lab. of E.E., Quality Control Division, Baripada/ CRO, Quality Control Division, Laxmiposi. Each Sub-division under this Division has got minimum equipment for testing of material at site. One compressive strength machine (manually) has been installed at the section office at Berhampur Irrigation Section of Sunei Irrigation Sub-division. The concrete cubes are tested regularly. Sri P.K. Acharya, SQM & Sri S.K. Mohapatra SQM have visited the works under this Division.

Executive Engineer,
Mayurbhanj Irrigation Division,
Baripada