



**ANNUAL ACTIVITY REPORT FOR THE
YEAR 2016-17
RAIRANGPUR IRRIGATION DIVISION,
RAIRANGPUR.**

**Executive Engineer,
Rairangpur Irrigation Division,
Rairangpur.**

Information on the activities undertaken by
Rairangpur Irrigation Division, Rairangpur.

The Newly created Rairangpur Irrigation Division has started functioning at its headquarters at Rairangpur with effect from 21.06.2016 under the Control of Superintending Engineer, Baripada Irrigation Circle, Takatpur and Chief Engineer & Basin Manager, Subarnarekha & Budhabalanga Basin, Laxmiposi. Prior to this, this newly created Division was functioning in the premises of Mayurbhanj Irrigation Division at Baripada from dt 28.05.2015 to till 21.06.2016 as per notification no- **FF-1-VIA-12/2015-10524/WR dt.12.05.2015** of Govt. of Odisha, Deptt. of Water Resources., and Executive Engineer Mayurbhanj Irrigation Division was in additional charge of this Division. It has 3 Nos. Of Sub-divisions and nine nos. of sections as detailed below.

1. Khadkhai Irr.Sub-Division.

- a) Suleipat Irrigation Section, Suleipat.
- b) Kuldiha Irrigation Section, Kuldiha.
- c) Rairangpur Irrigation Section, Rairangpur.

2. Bankbal Irr. Sub-Division.

- a) LMD Section-I.
- b) RMD Section-II
- c) Anandapur Section-III.

3. Rairangpur Irr. Sub-Division.

- a) Rairangpur Head Quarter Section, Rairangpur.
- b) Nesa Irrigation Section, Bahalda.
- c) River Embankment Section, Rairangpur.

Staff position of Rairangpur Irrigation Division

Sl.No	Name of Post	No. of post sanctioned	No. of post filled up	No. of post vacant	Name of the incumbents	Remarks
1	2	3	4	5	6	7
	GROUP-A					
1	Executive Engineer (C)	1	1	0	Ajaya Kumar Behera	
2	D.E.E (C)	1	1	0	Amiya Kumar Acharya	
3	A.E.E (C)	2	2	0	Sanjay Kumar Marandi	
					Sagar Sambit Samal	
	GROUP-B					
4	A.E (C) Estimator	1	0	1	Vacant	
5	A.E (C)	6	1	5	Basanta Kumar Nanda	
	GROUP-C					
7	Junior Engineer (C)	6	1	5	Nagendra Nath Sahoo (Consolidated)	
8	Draughtsman	1	0	1	Vacant	
9	Tracer	1	0	1	Vacant	
10	Junior Clerk	7	1	6	Sapan Kumar Manik	
	GROUP-D					
11	Peon	10	2	8	Padmalochan Mohanty	
					Mukunda Patra	
12	NWM-Cum-Sweeper	1	0	1	Vacant	
	TOTAL -	37	9	28		

INFORMATION IN RESPECT OF RAIRANGPUR IRRIGATION DIVISION,
RAIRANGPUR

KHADKHAI IRRIGATION PROJECT

Khadkhai Irrigation Project is a reservoir project across river Khadkhai located near village Suleipat in Kusumi Block of Mayurbhanj District. The Project consists of an earth dam of a maximum height of 26.50 m. and 204.50 m. long to provide irrigation to 7990.00 Ha. during Khariff and 4040.00 Ha. during Rabi. The Project is providing irrigation benefit to 56 villages of Kusumi & Rairangpur Block. For better irrigation water management among the Farmers, 21 nos. of Panipanchayats have been formed. Fresh election of Office bearers to the Panipanchayats has been completed. The project was completed 30 years back. Since then no major maintenance work has been taken up. Hence proposal is under preparation for renovation of the canal system which will improve socio economic status of the people.

NESA IRRIGATION PROJECT

Nesa irrigation project is a reservoir project near village Haladibani, 7 km away from Bahalda Block of Mayurbhanj District. The project consists of an earth dam of an average height of 10.00 mtr. and 730.00 mtr long to provide irrigation to 1202.00 Ha during Khariff and 370.00 Ha during Rabi. The project is providing irrigation benefit to 6 villages of Bahalda Block. For better management of irrigation among the farmers, 3 nos. of Panipanchayats have been formed. Election for 3 nos. of PPs have been completed. The project committee for President, Secretary & Treasurer have also been formed. Under DRIP, the dam rehabilitation work has been completed for an amount of Rs 152.36 lakhs. The project was completed 30 years back. Since then no major maintenance work has been taken up. Hence proposal is under preparation for renovation of the canal system.

BANKBAL IRRIGATION PROJECT

Bankbal Irrigation Project is a reservoir project with an earth dam across river Bankbal near village Dumuria in Bijatala block of Mayurbhanj District. There are two main distributaries off-taking from the dam named as Right Main Distributary and Left Main Distributary and Anandpur distributary is off-taking at RD 19.50 km of right main distributary. These distributaries provide irrigation to 7200.00 Ha during Khariff and 2700.00 Ha during Rabi. The present irrigation potential is 7200.00 Ha in Khariff covering 77 nos. of villages of Bijatala Block, Bisoi Block and Rairangpur Block. For smooth management of Irrigation among the farmers 17 nos. of Panipanchayats have been formed. Fresh election of President, Secretary & Treasurer for the Project committee have been completed. The project was completed 25 years back. Since then no major maintenance work has been taken up. Hence proposal is under preparation for renovation of the existing canal system for assured irrigation.

RIVER EMBANKMENT

This division has got 1.5 km of OAE on the right bank of river Baitarani near village Adipur.

**SALIENT FEATURES OF PROJECTS UNDER
RAIRANGPUR IRRIGATION DIVISION, RAIRANGPUR.**

Sl. No	Salient Features	Unit	NAME OF THE PROJECT		
			KHADKHAI	BANKBAL	NESA
1	Catchment Area	Sqkm.	212.50	168.50	24.61
2	Maximum Design Discharge	Cumecs	2240.00	1970.00	230.00
3	Top Level of Dam	Meter	316.50	306.00	266.00
4	M.W.L/F.R.L	Meter	313.50	305.00	263.00
5	D.S.L	Meter	302.50	299.00	257.15
6	Live Storage Capacity	Ham.	5622.00	2578.00	658.40
7	Dead Storage Capacity	Ham.	738.00	248.00	121.60
8	Length of Dam	Meter	365.40	1900.00	730.00
9	Maximum Height of Dam	Meter	37.00	18.00	18.00
10	Top Width of Dam	Meter	4.60	5.00	5.00
11	Type of Spillway	Ogee type Radial gate	Ogee type Radial gate	Ungated
12	Length of Spillway	Meter	58.56	82.00	90.00
13	Crest Level of Spillway	Meter	305.40	299.50	263.00
14	No. and size of Spillway gates	No/ Meter	4nos x (12.20x7.10)	6nos x (12.00x5.50)
15	G.C.A	Ha.	10560.00	9600.00	1602.40
16	C.C.A (Design)	Ha.	7990.00	7200.00	1202.55
17	Khariff ayacut (Design)	Ha.	7990.00	7200.00	1202.55
18	Rabi ayacut (Design)	Ha.	4040.00	2976.00	370.00
19	Intensity of Khariff	Percentage	100%	100%	100%
20	Intensity of Rabi	Percentage	50.56%	41.33%	30.76%
21	Design discharge of main canal	Cumecs	7.40	Left=2.99 Right=5.16	0.85
22	Panipanchayat	No.	21	17	3

SALIENT FEATURES OF EXISTING CANAL SYSTEM OF:-

Khadkhai Irrigation Project:-

1. Length of Main Distributary Canal- 7.37 Km.
2. Length of Distributaries Canal off taking from main distributary canal- 22.88 Km.
3. Length of Minor off taking from main canal- 44.07 Km.
4. Total number of outlet in command area- 622 Nos.
5. Length of Sub-Minor off taking from Minor- 26.996 Km.

Bankbal Irrigation Project:-

1. Length of Right Main Distributary Canal- 24.11 Km.
2. Length of Left Main Distributary Canal- 15.65 Km.
3. Length of Distributaries Canal off taking from main distributary canal- 12.21 Km.
4. Minor off taking from main canal- 38.145 Km.
5. Total number of outlet in command area- 1555 Nos.

Nesa Irrigation Project:-

1. Length of Main Distributary Canal- 0.075 Km.
2. Length Minor off taking from main canal- 19.82 Km.
3. Total number of outlet in command area- 120 Nos.
4. Length of Sub-Minor off taking from Minor- 4.29 Km.

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

Sl. No	Name of the Project	Name of the Division	Name of the Tahasil/Block	Design Ayacut		Khariff Achievement		Rabi Programme		Remarks
				Khariff	Rabi	Programme	Acievement	Programme	Total	
1	2	3	4	5	6	7	8	9	10	11
1	BANKBAL IRR. PROJECT	Rairangpur Irrigation Division, Rairangpur	Bijatala	5294.74	2976.00	5294.74	5294.74	800.00	800.00	313.00 Ha has been achieved
			Rairangpur	1750.31		1750.31	1750.31			
			Bisoi	124.85		124.85	124.85			
			Total	7169.90	2976.00	7169.90	7169.90	800.00	800.00	
2	KHADKHAI IRR. PROJECT	Rairangpur Irrigation Division, Rairangpur	Kusumi	5132.43	4040.00	5132.43	5041.55	1000.00	1000.00	358.00 Ha has been achieved
			Rairangpur	2857.57		2857.57	2857.57			
			Total	7990.00	4040.00	7990.00	7899.12	1000.00	1000.00	
3	NESA IRR. PROJECT	Rairangpur Irrigation Division, Rairangpur	Bahalda	1202.55	370.00	1202.55	1025.00	225.00	225.00	225.00 Ha has been achieved.
			Total	1202.55	370.00	1202.55	1025.00	225.00	225.00	

Canal wise ayacut of Khadkhai, Bankbal, and Nesa Irrigation Project.

Name of the Project: Khadkhai Irrigation Project.

Sl No	Name of the Canal	Canal length (Km.)	Design CCA in (Ha.)	Kharif prog 2016 (Ha.)	Kharif achievement 2016 (Ha.)	Rabi prog. 2016 (Ha.)	Canal length not getting water (Km.)	CCA not getting water (Ha.)	Remarks
1	Khadkahi Main Canal	7.37	226.50	226.50	226.50	85.00			
2	Langalsila Sub-Minor	0.88	153.70	153.70	153.70	80.00			
3	Chandida Minor	4.95	386.52	386.52	386.52	110.00			
4	Mayurdhar Sub-Minor	0.846	118.27	118.27	118.27	80.00			
5	Nischintpur Sub-Minor	1.085	75.21	75.21	75.21	80.00			
6	Bankati Sub-Minor	1.47	123.75	123.75	123.75	80.00			
7	Deuli Minor	7.10	848.12	848.12	848.12				
8	Jaypur Sub-Minor	0.65	33.00	33.00	33.00	60.00			
9	Sindurgoura Minor	2.20	118.08	90.00	90.00		0.89	28.08	
10	Shyamsundar Sub-Minor	1.20	132.80	70.00	70.00		0.35	62.80	
11	Sujukala Disty.	13.78	908.84	908.84	908.84	200.00			
12	Bhutkabadi Sub-Minor	2.20	215.00	215.00	215.00	50.00			
13	Dumuria Sub-Minor	1.20	116.40	116.40	116.40	50.00			
14	Gungupahadi Sub-Minor	2.00	147.00	147.00	147.00	30.00			
15	Naujoda Minor	2.70	264.26	240.00	240.00		0.30	24.26	
16	Bholbeda Sub-Minor	2.20	178.78	178.78	178.78				
17	Musabani Sub-Minor	1.48	153.05	153.05	153.05				
18	Sunaposi Sub-Minor	1.98	168.91	168.91	168.91				
19	Nagban Sub-Minor	0.74	94.50	94.50	94.50				
20	Gopalbandh Minor	2.43	168.80	168.80	168.80				
21	Rairangpur Minor	1.89	114.05	114.05	114.05				
22	Purunaghati Sub-Minor	0.755	49.63	49.63	49.63				
23	Rairangpur Sub-Minor	1.01	36.52	36.52	36.52				
24	Neuti Minor	3.02	308.00	308.00	308.00				
25	Badbaikala Minor	2.34	326.00	326.00	326.00				
26	Bhanjasora Sub-Minor	1.15	111.50	111.50	111.50				
27	Sanabaikala Sub-Minor	0.67	78.70	78.70	78.70				
28	Nadiaposi Sub-Minor	1.09	90.00	90.00	90.00				
29	Dahanimari Sub-Minor	1.36	79.00	79.00	79.00				
30	Halda Minor	0.90	83.00	83.00	83.00				
31	Chitaibadi Sub-Minor	1.08	58.40	58.40	58.40				
32	Tail Minor	1.38	43.00	43.00	43.00				
33	Tail Disty.	9.10	360.71	360.71	360.71				
34	Purunia Minor	3.50	290.00	290.00	290.00	40.00			
35	Kusumi Minor	4.10	487.57	487.57	487.57	20.00			
36	Kendrai Sub-Minor	1.60	218.43	218.43	218.43				
37	Satputia Minor	6.37	624.00	624.00	624.00	35.00			
	TOTAL -	99.776	7990.00	7874.86	7874.86	1000.00	1.54	115.14	

Name of the Project: Bankbal Irrigation Project.

Sl No	Name of the Canal	Canal length (Km.)	Design CCA in (Ha.)	Kharif prog 2016 (Ha.)	Kharif achievement 2016 (Ha.)	Rabi prog. 2016 (Ha.)	Canal length not getting water (Km.)	CCA not getting water (Ha.)	Remarks
1	Right Main Canal	24.11							
2	Direct outlet		228.591	228.591	228.591	220.00			
	Minors of R.M.D								
3	Pokharia Minor	2.04	99.696	99.696	99.696				
4	Badara Minor	3.33	319.669	319.669	319.669				
5	Niranjan Minor	2.385	238.784	238.784	238.784				
6	Gandida Minor	2.025	139.405	139.405	139.405				
	S / M of R.M.D								
7	Jamda S/M	0.51	84.37	84.37	84.37	50.00			
8	Patpur S/M	0.12	37.45	37.45	37.45	60.00			
9	Ambadiha S/M	1.12	127.73	127.73	127.73	10.00			
10	Badjharan S/M	0.46	131.04	131.04	131.04	78.00			
11	Ramachandrapur S/M	0.946	121.69	121.69	121.69				
12	Belpahadi S/M	0.93	75.746	75.746	75.746				
13	Rengalbeda S/M	0.675	83.564	83.564	83.564				
14	Budadhar S/M	0.12	92.304	92.304	92.304				
15	Luhasila S/M	0.52	35.92	35.92	35.92				
16	Bhalujodi S/M	1.20	70.65	70.65	70.65	39.00			
17	Sanjharan S/M	0.60	44.08	44.08	44.08	44.00			
18	Judia S/M	0.40	28.96	28.96	28.96	10.00			
19	Kuajhari S/M	0.06	62.69	62.69	62.69				
20	Left Main Canal	15.645							
21	Direct outlet		215.017	215.017	215.017	69.00			
	Minor of L.M.D								
22	Bantali Minor	5.01	594.41	594.41	594.41	5.01			
23	Ektali Minor	2.60	264.20	264.20	264.20				
24	Chanpal Minor	6.16	770.11	770.11	770.11		0.56	80.11	
25	Tail Minor	3.875	118.80	118.80	118.80				
	S/M of L.M.D								
26	Teltangia S/M-1	0.80	19.77	19.77	19.77				
27	Teltangia S/M-2	0.60	26.61	26.61	26.61				
28	Bijatata S/M	0.95	115.95	115.95	115.95	0.95			
29	Baghiatagar S/M	0.995	85.71	85.71	85.71	0.995			
30	Asana S/M	1.60	82.07	82.07	82.07	1.60			
31	Bankati S/M	0.43	75.20	75.20	75.20				
32	Baliadhipa S/M	2.04	191.63	191.63	191.63				
33	Taldiha S/M	1.56	118.00	118.00	118.00				

Sl No	Name of the Canal	Canal length (Km.)	Design CCA in (Ha.)	Kharif prog 2016 (Ha.)	Kharif achievement 2016 (Ha)	Rabi prog. 2016 (Ha.)	Canal length not getting water (Km.)	CCA not getting water (Ha.)	Remarks
34	Anandapur Disty.	12.210							
35	Direct outlet		120.768	120.768	120.768				
	Minors								
36	Badamtalia Minor	4.365	332.686	332.686	332.686				
37	Budhiakudar Minor	5.24	421.526	421.526	421.526				
38	Gopinathpur Minor	1.81	106.452	106.452	106.452				
39	Aunladubha Minor	3.18	273.936	273.936	273.936				
	Sub-Minors								
40	Belpahadi S/M	0.705	49.414	49.414	49.414				
41	Nusadihi S/M	0.885	46.89	46.89	46.89				
42	Champauda S/M	1.59	89.158	89.158	89.158				
43	Padmapur S/M	1.20	90.893	90.893	90.893				
44	Thakuranibeda S/M	1.80	90.563	90.563	90.563				
45	Dubulabeda S/M	0.40	70.245	70.245	70.245				
46	Kantabani S/M	0.435	57.775	57.775	57.775				
47	Baidaposi S/M	1.53	70.762	70.762	70.762				
48	Anandapur S/M-1	0.15	46.723	46.723	46.723				
49	Purunapani S/M	0.69	60.036	60.036	60.036				
50	Patepani S/M-1	1.065	61.796	61.796	61.796				
51	Anandapur S/M-2	0.10	162.804	162.804	162.804				
52	Patepani S/M-2	1.83	95.721	95.721	95.721				
53	Dandbose S/M-1	1.636	135.021	135.021	135.021				
54	Anandapur S/M-3	0.525	42.83	42.83	42.83				
55	Dandbose S/M-2	0.30	44.085	44.085	44.085				
	TOTAL -	125.462	7169.9	7169.9	7169.9	588.555	0.56	80.11	

Name of the Project: Nesa Irrigation Project.

Sl No	Name of the Canal	Canal length (Km.)	Design CCA in (Ha.)	Kharif prog 2016 (Ha.)	Kharif achievement 2016 (Ha.)	Rabi prog. 2016 (Ha.)	Canal length not getting water (Km.)	CCA not getting water (Ha.)	Remarks
1	Main Canal	0.075							
2	Kulgi Minor	6.68	164.68	128.49	128.49	95.00	2.48	36.19	
3	Binjhua Minor	9.36	402.26	362.37	362.37	80.00		39.89	
4	Bahalda Minor	3.78	365.53	319.24	319.24	50.00		46.29	
5	Gaichandi S/M	1.046	78.49	78.49	78.49				
6	Kumbhirda S/M	0.85	54.19	54.19	54.19				
7	Kulgi S/M	1.244	73.42	54.56	54.56			18.86	
8	Denga S/M	1.15	63.98	27.66	27.66			36.32	
	TOTAL -	24.185	1202.55	1025	1025	225.00	2.48	177.55	

Allotment under Plan Scheme: This newly created division started functioning at its Head Quarters from 22.06.2016 on re-structuring of Water Resources Department and has not received any allotment under Plan Scheme 2016-17.

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

Sl. No	Name of the Scheme	Allotment (Rs. In Lakhs)	No of Works	Expenditure (Rs. In Lakhs)	Remarks
1	R.E CRITICAL	20.00	11	20.00	Completed

ALLOTMENT & EXPENDITURE FOR 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
1	CANAL CRITICAL	35.00	4	35.00	Completed
2	RESIDENTIAL BUILDING	15.00		15.00	
3	NON-RESIDENTIAL BUILDING	7.5	4	7.5	Newly created Bankbal Division office has been renovated along with Nesa Section Office at Bahalda.
4	E.I.C/W.R (Non-Plan) 21112 maintenance of Residential Building	10.00	6	10.00	Renovation of Old Bankbal Division Building has been taken up for functioning of this newly created division.

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. The concrete cubes are tested regularly.

TENDERS FOR THE WORKS

Tender for 28 nos. works for 2017-18 have been completed under Plan & Non-Plan Scheme of CEFC & BM, LMB and CEBM, S& B Basin, Laxmiposi by this division.

MGNREGA

63 nos. of projects amounting to Rs 229.00. lakhs for maintenance of Minor & S/M under MGNREGA for 2016-17 have been approved by Collector –cum-District Project Co-Ordinator, MGNREGA, Mayurbhanj. Since this is newly created division ID & Password are to be created and work order will be issued to Panipanchayat for taking up Minor & S/M works of irrigation canal system under MGNREGA.

Executive Engineer,
Rairangpur Irrigation Division,
Rairangpur.