



ANNUAL REPORT : 2023

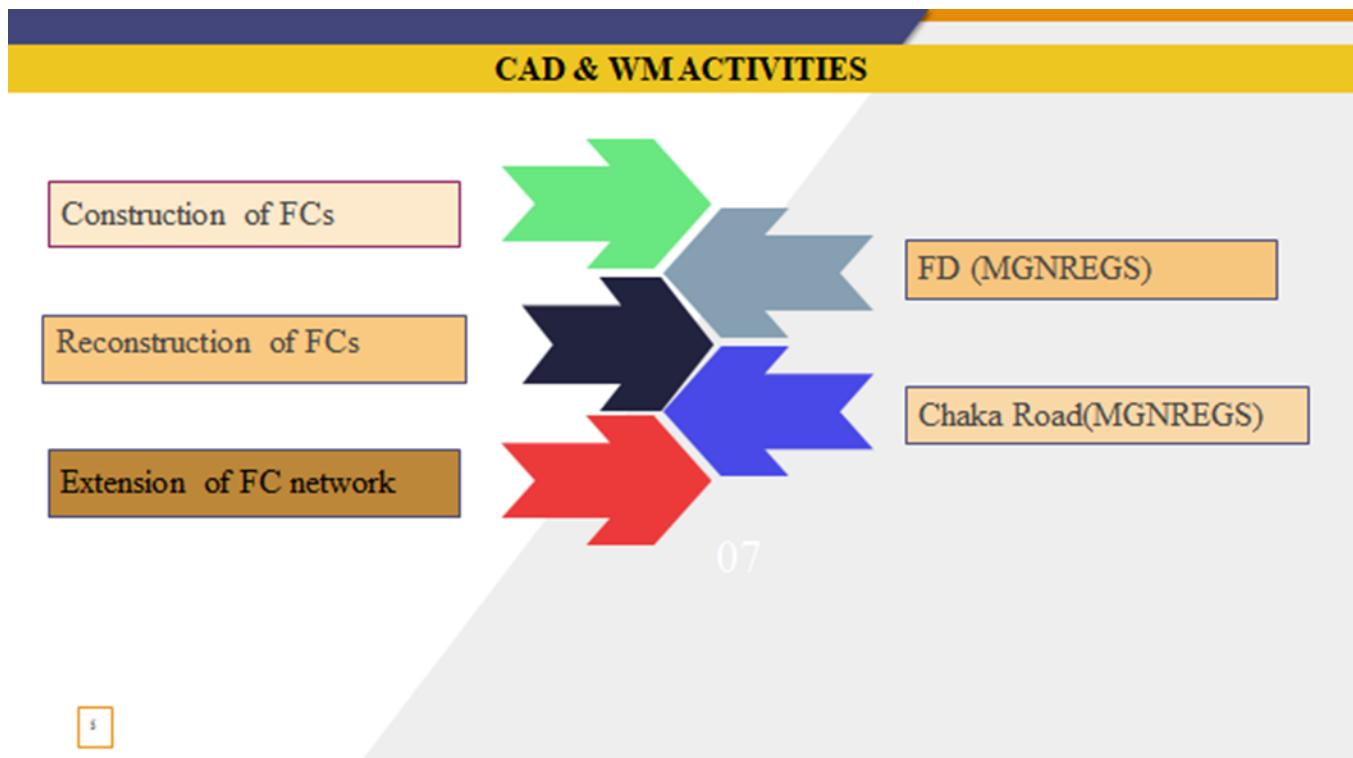
Towards a self sustainable irrigation

Scope of CAD

Command Area Development and Water Management (CAD&WM) Programme is being implemented in the State since 1976-77 with an aim to increase water use efficiency through equitable distribution of water.

Number of irrigation projects have been created in the State with huge investment to provide irrigation water for increase in agricultural production and productivity. But the full potential that has been created is yet to be utilized in absence of proper on-farm water management practices. Construction of adequate network of Field Channels (FC) in the farmers' field is therefore essential for full utilization of the irrigation potential created in the command. The old and dilapidated field channels constructed decades ago are also being reconstructed with RCC lining.

The main activities taken up under this programme are (a) survey and planning, (b) construction of field channels, (c) construction of field drain, (d) crop demonstration and (e) farmers' training.



5.2 CAD network

So far CAD&WM activities have been completed in 43 irrigation commands by WR(CAD) organisation. The programme is being implemented in 7 Major, 11 Medium and 40 Minor Irrigation Projects. Out of the total CCA of 13.09 lakh ha taken up under CAD&WM programme, 10.81 lakh ha has been covered with FCs by end of March 2023.

The project-wise status of construction of field channels is given in following table.

CAD&WM Works
(STATUS AS ON March 2023)

Sl	Project	Field channel (Ha.)		
		Completed up to March-2022	Completed during 2022-23 (Upto March 2023)	Total
A-Ongoing				
1	Rushikulya	58603	398	59001

2	Salandi Right	35114	5064	40178
3	Potteru-Satiguda	67668	518	68186
4	Baitarani	31525	1245	32770
5	Upper Indravati	70551	1924	72475
6	Rengali	28613	0	28613
7	Upper Kolab	37461	1488	38949
8	Bahuda	7784	0	7784
9	Baghua	4266	0	4266
10	Utei	2900	0	2900
11	Hariharjore	500	0	500
12	Aunli	1000	0	1000
13	Upper Jonk	8962	0	8962
14	Baghalati	1809	0	1809
15	Harabhangi	2398	3332	5730
16	Suhagi MIP	1525	99	1624
17	Girishchandrapur MIP	435	310	745
18	Kerandijore MIP	700	700	1400
19	Kharla MIP	1000	484	1484
20	Kosaka MIP	293	896	1189
21	Modanala MIP	226	104	330
22	Mahisanaal	395	105	500
23	Mangaljit	350	250	600
24	Baldhia	1348	2484	3832
25	Nesa	576	381	957
26	Ramanadi	1190	90	1280
27	Pipalnala MIP	452	0	452
28	Turla MIP	400	200	600
29	Sundar	1500	741	2241
30	Hadua		1349	1349
31	Bhetabar		177	177

32	Gosinga		207	207
33	Nuapoibadi		338	338
34	Ghagra		336	336
37	Gangahaar		444	444
38	Badajore		831	831
39	Nibrutijore		2491	2491
40	Padampurnala		840	840
41	Kumudinala		1220	1220
42	Bandeswarinala		940	940
43	Kukudanala		1820	1820
44	Katangnala		368	368
45	Ichaa		1723	1723
46	Porpetta		821	821
47	Masinanala		442	442
48	Damsala		500	500
49	Spuabadjore		907	907
50	Raghunathsagar		500	500
51	Hiradharbati		2250	2250
52	Phuljhari		1000	1000
53	Hatimunda		1500	1500
54	Krushnasagar		984	984
55	Perencho		184	184
56	Sikarpai		1000	1000
57	Karkata		388	388
58	Bagpur		596	596
Sub-Total		369544	44969	414513
B-Completed				
1	Salki	18858		18858
2	Salandi Left	43317		43317
3	Hirakud	153395		153395
4	Mahanadi Delta St-I	166735		166735

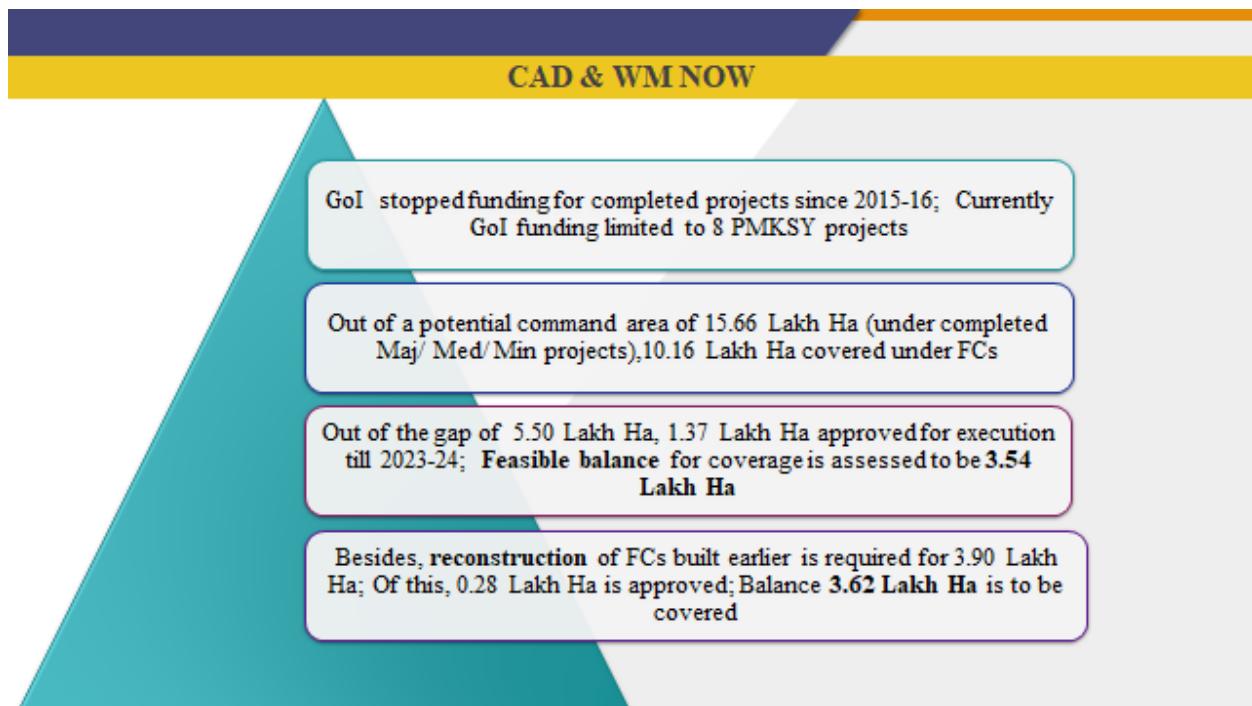
5	Salia	8747		8747
6	Pitamahal	1106		1106
7	Talasara	3036		3036
8	Daha	4657		4657
9	Kansbahal	4578		4578
10	Kuanria	3780		3780
11	Gohira	8304		8304
12	Sunei	9825		9825
13	Remal	4313		4313
14	Bankabahal	7140		7140
15	Kanjhari	9228		9228
16	Ramial	6079		6079
17	Ong	10005		10005
18	Jayamangal	4902		4902
19	Derjang	5648		5648
20	Jharbandh	2124		2124
21	Mahanadi Delta St-II	125444		125444
22	Kalo	4644		4644
23	Khadkhai	7990		7990
24	Bankasul MIP	1620		1620
25	Badanala	9836		9836
26	Kanijodi MIP	1200		1200
27	Sanamuligaon MIP	920		920
28	Dumerbahal	2736		2736
29	Ret MIP	1200		1200
30	Saipala	2134		2134
31	Tandipur MIP	1143		1143
32	Siltiguda MIP	549		549
33	Budhabudhiani	4130		4130
34	Dahuka	1752		1752
35	Ghodahada	7758		7758
36	Bhaskel	4250		4250

37	Bhangi	2000		2000
38	Pilasalki	2269		2269
39	Sarafgarh	2651		2651
40	Kayakud	618		618
41	Kumbho	1050		1050
42	Talkhol	809		809
43	Dadaraghati	4120		4120
	SUB TOTAL	666600	0	666600
	GRAND TOTAL	1036144	44969	1081113

The programme is being implemented in 28 districts. Three CAD Authorities (CADAs) in the State, located at Cuttack, Sambalpur and Berhampur, carry out the field execution programme through 12 CAD Divisions and 3 offices of Deputy Director, Soil & Water Management.



5.3 CAD Reforms being finalized



PROPOSED REORGANISATION OF CAD FIELD OFFICES

Sl	Existing Offices	Proposed Modification	Present		Proposed	
			No of Offices	Strength	No of Offices	Strength
1	CAD Unit in Directorate	Additional HR for better monitoring		8		18
2	Survey & Planning	Renaming as Survey, Planning & Design	1	44	1	38
3	PD, CADA	ACE in o/o PD, CADA to work as circle officer in 3 Revenue zones.	3	63 (GIA)	3	74 (34 GIA)
4	DD, SWM	Integration with o/o PD, CADA	3	46	0	
5	Divisions	12 (29 sub-divisions) to 16 divisions (39 sub-divisions)	12	482	16	513
		Total	19	643	20	643

Justification:	Personnel same as present: 643	Gazetted posts from 189 to 235	Non-gazetted technical posts from 158 to 163
<ul style="list-style-type: none"> Reorientation from project to district Greater reach: Divs 12 to 16; Sub-Dvns 29 to 39 Focus on Minor Irrigation/MGNREGS OPWD Compliant: ACE as Circle Officer; SEs/ EEs, Divisional Officer Strengthened PD,CADA office; Repositioning existing workforce for greater productivity 	Non-gazetted ministerial etc posts from 173 to 186	Group D posts from 123 to 59	Financial implication: Rs 4.50 Cr/Year

PERSPECTIVE PLANS @ CAD & WM: BACKGROUND



1. In 2014-15 prepared for 2015-16 to 2018-19 : 2881.14 Cr
2. In 2018-19 prepared for 2019-20 to 2023-24 : 5051.87 Cr
3. Part of it covered in EFC: 497.10 Cr to cover 1.37 L Ha by FCs & Rs 99.33 to cover 0.28 Lakh Ha by reconstruction of FCs

4. The present proposal is based on above exercise & aims at:
 - a. Covering the feasible balance command area of 3.54 Lakh Ha with FCs
 - b. 3.62 Lakh Ha with reconstruction of old & dilapidated FCs

Sl	Project	No	CCA(Ha)	CCA Covered by Other COs* (Ha)	CCA Covered by CAD Wing (Ha)	Area Proposed in EFC (Ha)	Balance Area to be Covered (Ha)	Feasible Area to be Covered with FCs (Ha)
1	Major	15	1082529	212140	812478	15000	42911	
2	Medium	59	321269	24200	193382	50000	53687	38000
3	Minor	3713	514281	116283	10361	72000	315637	315637
	Total	3787	1918079	352623*	1016221	137000	412235	353637

* PMKSY: 236340 Ha; OCTMP: 60033 Ha & OIIPCRA: 56250 Ha

CAD & WM Activities during 2022-23

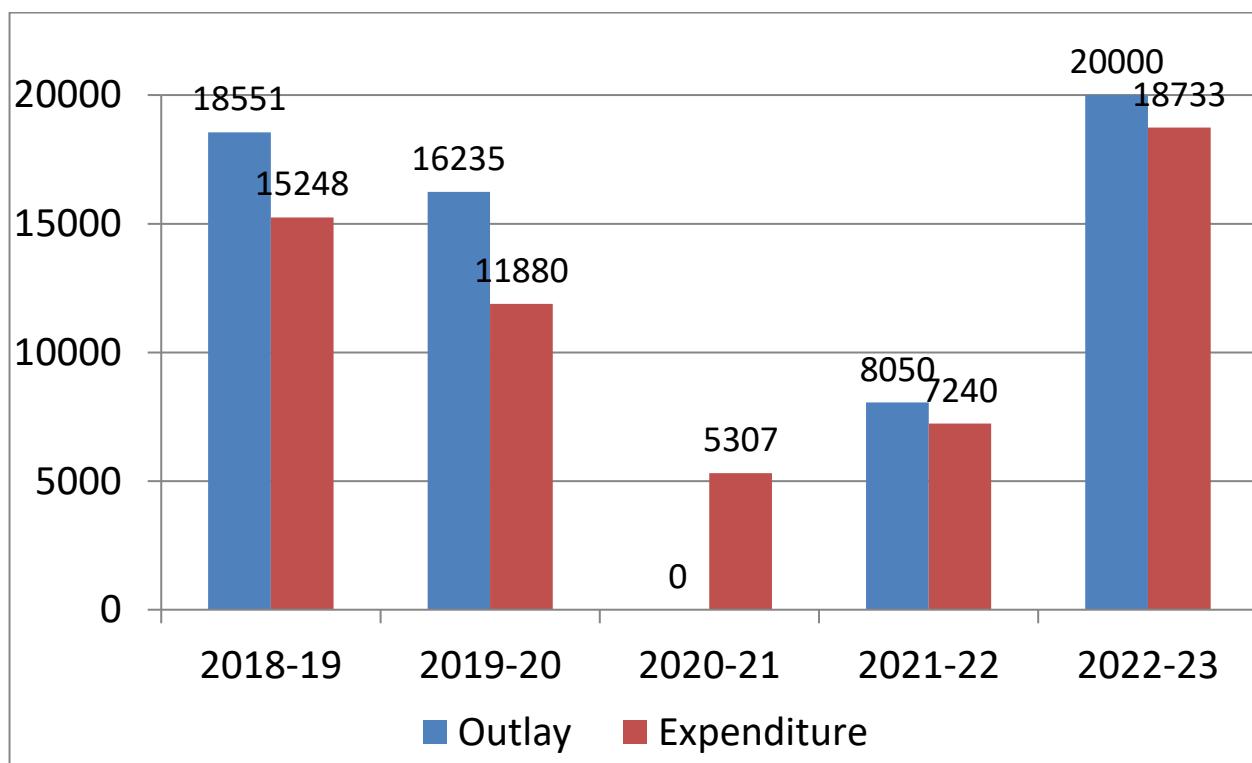
Components	Target 2022-23	Achievement 2022-23	Outlay 2022-23 (in lakhs)	Expdr. 2022-23 (' in lakhs)
Survey&Planning	28800 ha	33619 ha.	345.60	340.08
Construction of field channel	47614 ha.	44969 ha.	14165.03	13376.26
Farmer Training	269nos.	222 nos.	43.18	35.52
MICRO Irrigation	935ha.	10ha	467.52	5.00
Re-Construction of old field channels	16735 ha	16734ha.	4978.67	4976.28
Total (Plan)			20000.00	18733.14
Works under Non-Plan			1165.00	1159.00
Grand Total			21165.00	19892.14

Programme 2023-24

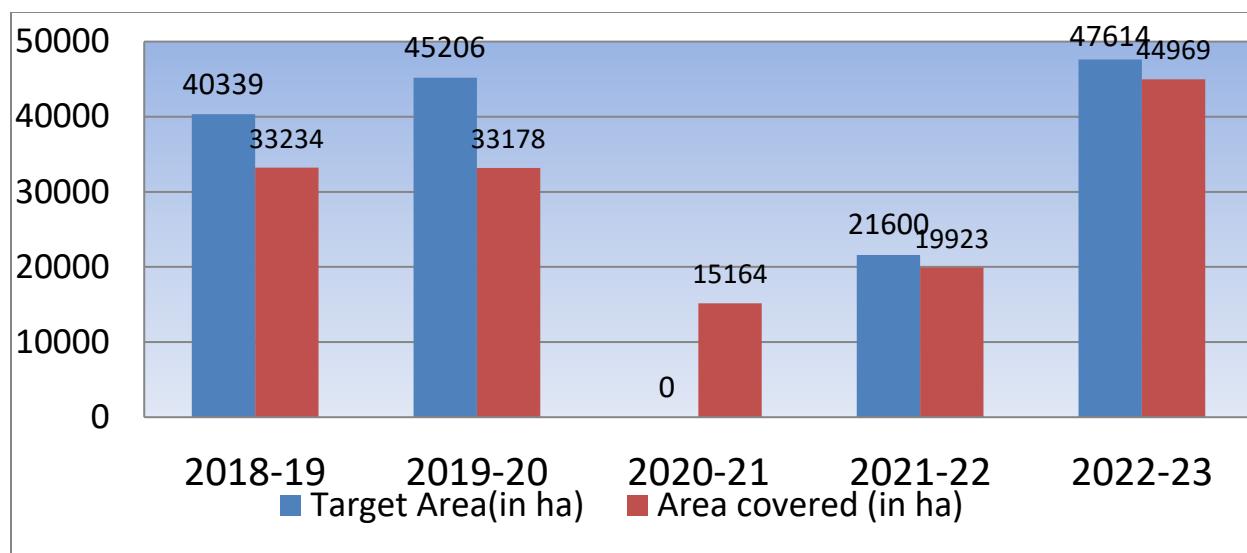
An outlay of Rs.180.00 crore has been provided in the annual plan of 2023-24 for construction of field channels of 50027 thousand hectare & other required components of the scheme as given below.

Sl. No.	Name of the Schemes	Physical Target for 2023-24	Outlay proposed for 2023-24 (Rs. lakhs)
1	Construction of Field Channel	50027ha.	14882.93
2	Farmers Training (Nos)	239Nos.	38.240
4	Re-Construction of old field channels	8971ha.	2668.78
5	Survey &planning	32502ha.	390.02
	Others		20.03
	Total (Plan)		18000.00
11	Works under Non-Plan		1281.50
	Grand Total		19281.50

OUTLAY AND EXPENDITURE DURING LAST FIVE YEARS (Rs. In Lakh)



Construction of Field Channel covered during Last Five years



e-CAD

1. An application for monitoring in real time the command area development and participatory irrigation management activities in the state. Pani Panchayat, the first module is being implemented and the infrastructure getting added to it.
 - 1.1.Status of their functionality, conduct of mandatory meetings, maintenance of records, availing trainings, formation of higher fora such as distributory and project committee etc is being monitored in real time.
 - 1.2.An end-to-end process flow based automated system for realtime monitoring of the abovementioned aspects through a dashboard. The relevant data on the Pani Panchayats, fed by the JEs/AEEs in the Mobile Application, will be accessible to the key higher functionaries of the Department.
 - 1.3. Conferred Skotch Awards for digitization of existing manual procedures of Pani Panchayat

About eCAD

- ❖ The Single Window Portal shall help to automate all the activities under the Directorate.
- ❖ Real-time monitoring through Interactive Analytical Dashboard/ MIS Reports
- ❖ CAD-PIM or "Command Area Development – Participatory Irrigation Management" is the nodal agency for monitoring and tracking all the activities of Pani Panchayat such as Chak Formation, Election, Construction of Infrastructure for PP and so on.

Objectives

<p>Real Time Monitoring</p> <ul style="list-style-type: none"> ❖ Real Time Monitoring of CAD –PIM activities in the state. ❖ GIS Based tagging to enable real time monitoring. 	<p>Digitization of Process</p> <ul style="list-style-type: none"> ❖ Digitizing existing process of manually obtaining and managing data. ❖ Legacy data migration of existing data to enable real time monitoring of the PP, elections and re-elections data. 	<p>Effective Water Governance</p> <ul style="list-style-type: none"> ❖ Capturing real time data of PP, Chak, elections and re-elections will help the department in the noble pursuit to track and monitor 36,000 Pani Panchayats. ❖ Conducting real time activities for prudent water governance.
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eCAD Infra: Components



Annual Action Plan

The User shall be able to capture the list of the projects which has been planned for taking up in a financial year

Project List

This is the final approved list of the projects which shall be undertaken in the same financial year.

Project Management Plan

The project management plan documents all other plans and processes associated with the project



Project Execution

Defines the processes for executing individual components in the project plan.

Project Monitoring

Measure the performance of the project

Payment Integration

Option to integrate with IFMS for the disbursement of payment to various stakeholders.

Outcomes



Improved Project Efficiency

Tracking of the project's progress in real time. Monitoring project's timeline, budgets, resources, and risks, and identify potential delays and issues early on.

Better Communication & Collaboration

With features such as task assignment, real-time updates, geo-tagged pictures, everyone involved in the project can stay informed and work together more effectively.

Improved Quality Control

By monitoring the project progress, resources, and risks in real time, department can identify potential quality issues early on and take corrective action.



Regular and Prompt payment

ePayment process to be integrated with IFMS for regular and prompt payment.

Better monitoring and control

Generation of reports based on the data captured through various stages

Easy access to information at all levels

Managing all the information and documents by the usage of cloud technologies

Information Management System

IMS will ensure records aren't lost, and help you get any information or data you need quickly and reliably.



- ✓ Digitising existing data
- ✓ Maintaining digital record of schemes/guidelines & Act/Rules
- ✓ Online MPR/QPR format
- ✓ Accessing data in dash board



- ✓ Managing the Data in Folder Basis
- ✓ Each office will have different login
- ✓ Sharing of Folders and Files across offices and users.



- ✓ Data analytics
- ✓ Performance tracking
- ✓ Interactive Dashboard



- ✓ Adding of Employee against offices
- ✓ Service History of Employee
- ✓ Incumbency Chart of an Office



- ✓ Head Quarter Organization will be able to track file movement details.
- ✓ Central repository for all the documents generated from the department.

Benefits & Analytical Reports

- Online Cloud Storage of File
- Protect and Secure Data
- File sharing
- Managing Employee Details
- Managing Office Strength

Stakeholders

- Directorate
- Under Secretary
- CADA Offices
- Superintendent Engineer



SKOTCH AWARD

- E-CAD Solution for CAD-PIM, Dept. of Water Resources, Odisha has been awarded "SKOCH AWARD" for it's unique contribution into bringing data transparency and efficiency at the department level through digital intervention.



1. Participatory Irrigation Management (PIM)



PIM is a tool for improving irrigation management along with sustainability of the system. It was introduced in the state during 1995 on a pilot basis in four projects under Odisha Water Resources Consolidation Project (OWRCP) under the banner of Farmers Organization & Turn over (FOT). Further, on experiencing its success at large, it was thereafter extended to all the commands of Major, Medium, Minor and Lift Irrigation Projects.



1.1 Following introduction of PIM in the state, during 1995 Water User Associations were formed in these pilot projects. During 2000, PIM programme was extended to all commands of Major, Medium, Minor & Lift Irrigation Projects and water user associations were renamed as PPs.

1.2 Legal status has been provided to PPs by enacting the Odisha PP Act, 2002& the Odisha PP Rules, 2003. Subsequently, the PP Act has been amended in 2008 and 2014 respectively. Amendment to Odisha Pani Panchayat Act, 2023 has been introduced in Odisha Legislative Assembly. The salient amendments proposed include,

- i. Inclusion of Mega Lift Irrigation Projects and enable formation of Pani Panchayats and higher farmer's bodies.
- ii. Inclusion of spouses of the water users, who are land holders in the area of a Pani Panchayat, to increase women participation and greater representation in various bodies / committees.

- iii. Assigning responsibilities to the functionaries of the Department at appropriate levels, after restructuring of the Odisha Engineering Service cadre.
- iv. Making the tenure of Chak Committee and Executive Committee of the Pani Panchayats five years to make them uniform and obliterate the confusion on it being three or six years.

These amendments will ensure formation of Pani Panchayats and higher farmers' bodies in Mega Lift Irrigation Projects, covering commanded area of 500 to 2000 Ha. and greater representation of women in various bodies / committees and hence greater in water governance besides other aspects.



1.3 With about 700 Water Users Associations in 1995 to 2002, now more than 38000 Pani Panchayats are functioning in the state. Similarly, from providing irrigation to 3.32 lakh hectares in the beginning, Pani Panchayats are now providing 22.65 lakh hectares.

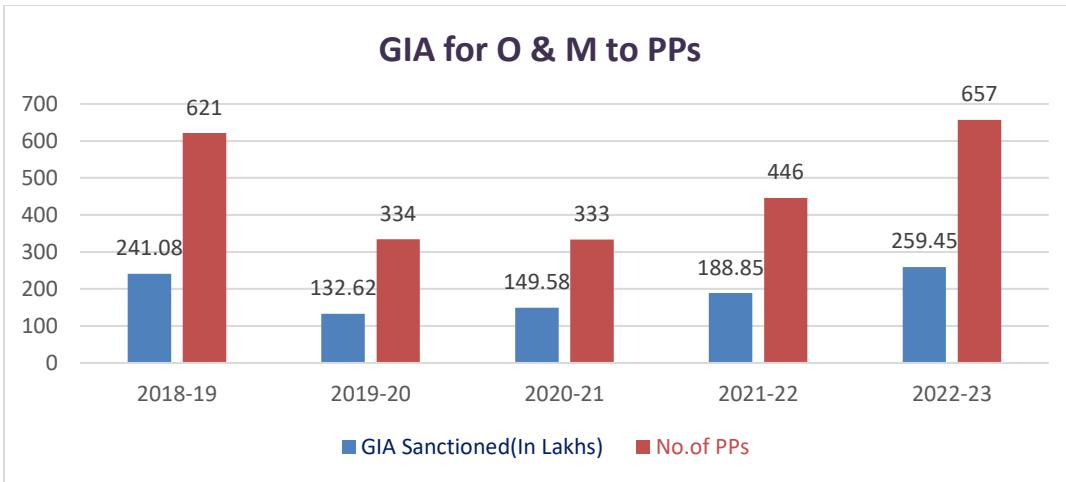
1.4 The detail status of PPs is given in table below.

Status table

Sector	Formation of PP Planned		Delineation Completed		Handed over to PPs	
	No	Area(In lakh ha)	No	Area(In lakh ha)	No	Area(In lakh ha)
Major & Medium	2940	12.90	2806	12.28	2704	11.82
Minor	2880	3.95	2830	3.95	2654	3.65
Lift	33068	7.34	32477	7.18	32477	7.18
Total	38888	24.19	38113	23.41	37835	22.65

Cost Norm of GIA for O & M to PPs

Operation and maintenance (O&M) of minor and sub-minor canals of Major and Medium Irrigation Projects are being done through PPs. Grant-in-Aid is provided to them for maintenance of canals of Major, Medium and Minor irrigation projects. In case of Community Lift Irrigation Projects, the entire project gets handed over to PPs for O&M.



2. IEC/SBCC

Pani Panchayat Pakhya(PPP) 2022-23

2.1 Pani Panchayat Pakhya has been observed in the Department of Water Resources from 1st February to 15th February, 2023 through out the state.

2.2 Pani anchayat Pakhya had kick started in 117 Divisions of the State under DoWR on 1st February with launching of Pani Panchayat Rath and in the second phase, district level programmes have been held on 8th February with awareness campaign, awards to the students participated in different competitions held for the purpose, exhibitions held for the purpose, exhibitions and other field events. The third phase of the Pakhya was observed followed with State level function on 15th February held at Convention Centre, LokSeva Bhawan, graced by the hon'ble Chief minister, Odisha Shri Naveen Patnaik.



2.3 In the state level function, the CM launched “Sinchita”- a booklet on training on partnership in irrigation, Applications like Infra and MIS Module under e-CAD.

2.4 On the occasion, 40 best Pani Panchayats from different wings i.eMajor& Medium, Minor and Lift Irrigation; 30 best farmers; 12 winners from various activities such as debate, essay, painting and quiz competitions; 12 best projects and 15 best officers were felicitated.



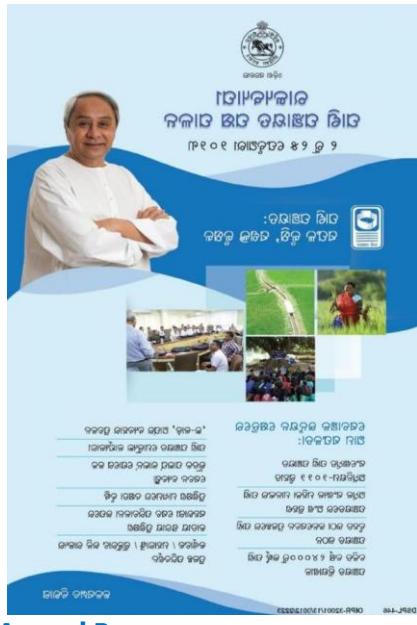
2.5 Circulation of Varta of the Hon'ble Chief Minister for Pani Panchayat members, farmers and other important stakeholders; Raths, carrying Information Education Communication, Social Behavioural Change Communication materials

and audio visuals; Samabesha in presence of Pani Panchayat members, farmers and other important stakeholders; exhibitions in convergence with stakeholder Departments, including Agriculture & Farmers' Empowerment; having talk shows in DD, AIR, Community Radio; holding debate, essay, painting, quiz competitions amongst school children and awarding them have been carried out in the Pakhya.



2.6

Anthem, oath, banners, posters, brochures,



slogans, tagline, centering water governance at the

cutting edge were also circulated for creation of awareness on efficient water use, participatory irrigation management etc.

ଶପଥ ପାଠ



■ କୁଳନ୍ଦେଶ୍ୱର, ପାଞ୍ଚାବ (ପିଣ୍ଡଏଣ୍ଟସିଟି)
କ୍ଷେତ୍ରନାଳାଗୁଡ଼ିକର ରକ୍ଷଣାବେକ୍ଷଣ
ଓ ସୁପରିଚାଲନା କରି ଜଳସେତନ
ପ୍ରକାଶିତ ଫେର ମୁଣ୍ଡକୁ ପାଣି
ପହଞ୍ଚାଇବା ଲକ୍ଷ୍ୟରେ ଗାଲ୍ୟ ସରକାର
ପାଣି ପାଞ୍ଚାଯତନାନ ଗଠନ କରିଛନ୍ତି ।

ଗାଁମାନ କିମ୍ବା ଦିନପଥ୍ରୀ ଦୂଳ
ଅର୍ଥରେ ତୁମରୁହ, ବାମସିଙ୍ଗ,
ବାକ୍ଷରୁ, ବିଧ୍ୟାଧରରୁହ, ଶୁଣା,
ଚେଦୁଲିଆ, ଲିଖିତାଓ ଦୂଆପତ୍ର
ଗ୍ରାମର ଶ୍ରୀର ହେବର ଚାଷ ଜମିକୁ
ନେଇ ଶ୍ରୀ ଗୋପିନାଥ ଜାଇ ପାରି

ପାଞ୍ଚାୟତର ସମୟ ଦାଖୋପଯୋଗୀ
ଜମି ବାନ୍ଧିଲାଟି ଜଳିବେଳନ ପ୍ରକରଣ
କ୍ରମିତ୍ୟୁ ତଷ୍ଠିତୁଗାରା ନୀ-୨ ର ବାମ
ମୁଖ୍ୟ କେନାଳ ଦ୍ୱାରା ଜଳିବେଳିତ
ହୋଇଥାଏ ।

ଧାନଚାଷ ଏହି ପାଣି ପଞ୍ଚାୟତର
ଏକ ପ୍ରମୁଖ ବେଳସା । ଦିଗପହଣ୍ଡି

ଯାଇଥାରୁ ଏହି ଅଳ୍ପକରନି ଓ ଶେଷ ସୁମୁଖ ପାଇଁ କାହାର ନିଜକାଳୀନ ଦେଶରେ ଥିଲା ଏହାରେ ଏଥାରୋଟି ଏକାନେ ଅଛିରେ କୁଠରେ ବନ୍ଧୁ କାଳ ଘରରେ ନିର୍ଦ୍ଦର କରିଥାନ୍ତି । ୧୯୧୯ ରୁ ୧୯୨୫ ମଧ୍ୟରେ ସେବାକୁ କଲାକାର

ପାଇବାକୁ ଦିଶେଣ କାରାରେ ପ୍ରାଚୀରିତ କଲାକାରୀ ଯାହାର ପ୍ରେସରିଆ ନିର୍ମାଣ ଦାରୀ ଏହି ସମସ୍ତରେ ଦୂରେ ଦୂରେ ଏଥାରୋଟି ଦୂରେବାକାଳ ଗୋପନୀୟ ଏଥାରୋଟି ଦୂରେବାକାଳ ଜାନନ ଉଚିତକାଳ ଆମ୍ବା ଦୂରେ ଗରାନ୍ତି କାହାର କାଳରେ ?

ତିକଳନ ଆୟୁ ଦ୍ୱାରା ଶ୍ରୀ ଗୋପନୀୟ
ଜାର ପାଇଁ ପ୍ରାୟାମ୍ଭିତ ଅତ୍ରିର କିରି
ଗ୍ରହଣ କେତ୍ତନାମାନଙ୍କାର ନିର୍ମାଣ
କରିବାର ସହି ନିଶ୍ଚାଲନ ତାର
ମଧ୍ୟ କଥାମାର୍ଗରୁକୁ । ଯାହାରେକାର
କଳେଖାନାକୁ ବୁଝି ହୋଇଥାଏ
ଅଞ୍ଚଳକାରୀ ଏବଂ ଦିବା କୌଣସି
ପ୍ରତିବନ୍ଦିତ ପାରିବାକୁବେଳି ।

ପ୍ରକାଶକ ମହିନେ ଏହି ଅଳ୍ପକାଳୀନ
ଏହି ପରିପ୍ରେସରେ ଏହି ଅଳ୍ପକାଳୀନ
ପ୍ରସ୍ତୁତ ଦରା ଦରା ଶ୍ରୀ ଗୋପନୀୟ
ଜାତ ପାଣି ପାଣିରେ ମାରାପିତି
କୁଣ୍ଡିତ ଶ୍ରୀପରେ ଅତ୍ୟଧିକ ଜଳ
ଏବଂ ଉଚି ଉଚିରେ ଲବନାରା, ଧାନ
ଏହି ଉଚି ଉଚିରେ ଲବନାରା, ଧାନ
ଏହି ପ୍ରକାଶକ କାଳୀନ ଏବଂ କାଳୀନ
ଏହିଆ ଜଳରେ କାନ୍ଦିରୁଥିଲା ଦ୍ୱାରା
୨୦୦୦-୧୫ ବର୍ଷରେ ବରାଳାଟି
ଖେଳାଟିରେ ଦାତା କାର୍ଯ୍ୟ ଓ
ଚାନ୍ଦାମାଳା ସପଳକରେ ଆଶାପାତା
କାନ୍ଦିରୁଥିଲାଇ ।

ପ୍ରକାଶକ ପତ୍ର ଦେଖନ୍ତୁ

Page 6

ପାଣି ପଞ୍ଚମ ସଂକଷିତ ପାଇଁ
ସରବାରକ ପଦଶେଷ

ପାଣି ପଞ୍ଜାରେ କାହିଁଥାଏଇ ପାଇଁ ଦ୍ୟବଗୁ



Launching of Coffee Table Book by Hon'ble Chief Minister, Odisha during the celebration of Pani Panchayat Pakhya in presence of Hon'ble Minister, Water Resources, Chief Secretary, Odisha, Development Commissioner and Additional Chief Secretary, Water Resources and other dignitaries. The Coffee Table Book enshrines the project achievements for advocacy

BEST PRACTICES:



COMMUNITY LIFT RRIGATION PROJECT (RIVER LIFT) OF OLIC

Transformed the lives of farmers in village Ratanga, Kandhamal District. This has been replicated among other farmers and collectively achieved total production realizing a total earning of Rs.90,000/- to Rs.1,00,000/- per each member of the Pani Panchayat.



Developed a mango orchard with deep bore well project, in the tribal district of Kandhamal. The farmer has been awarded with the “Best Deep Bore Well Farmer” and also bagged the prestigious SKOCH Governance Award in the silver category with the help from District Administration.

BEYOND ENGINEERING

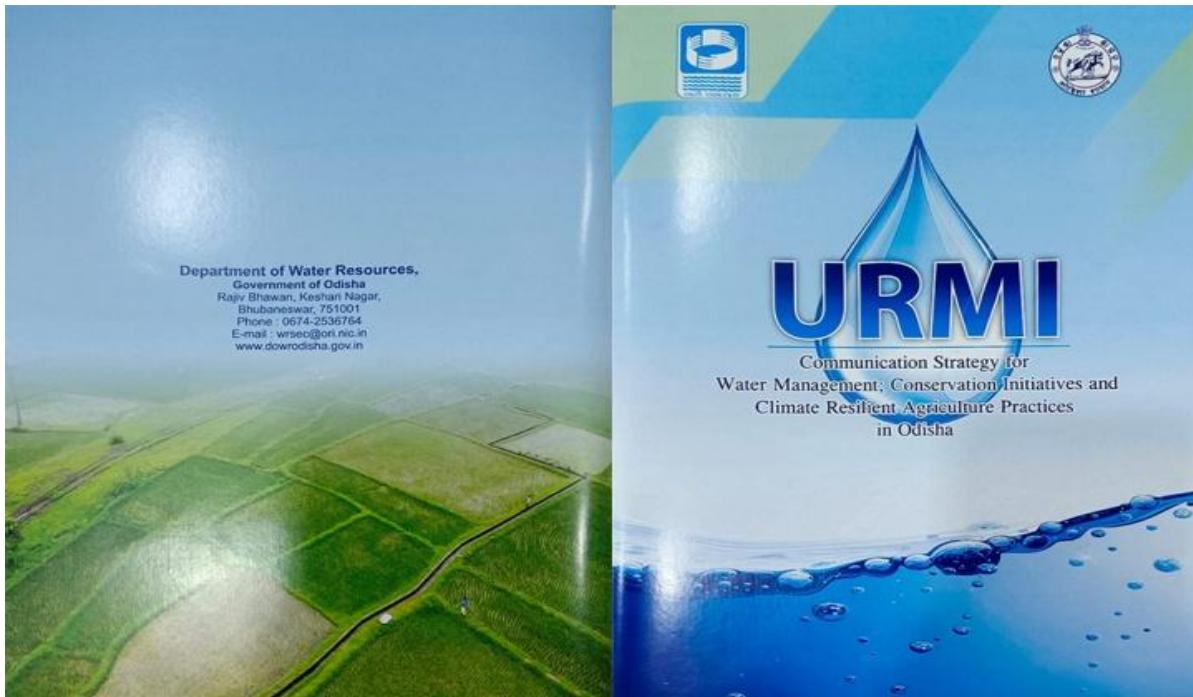
Water Communication Strategy

The 5T drive of the Government of Odisha has given opportunities to set new goals like digital platform to provide advance information on water availability, development of mobile based app for farmers for submission of grievances and redressal and web portal for Land acquisition, Rehabilitation and Resettlements, online payment of wages to construction labourers.

However, there is need for focus on softer components as well. The communication strategy would support the United Nations' Sustainable Development Goal (SDG) 6 that seeks to ensure availability and sustainable management of water and sanitation for all and reflects the increased attention on water and sanitation issues in the global political agenda. The focus of the communication strategy is aimed to be both short term as well as long term.

In this context, a Water Communication Strategy, “URMI” has been launched by Hon’ble Minister, Water Resources, Commerce & Transport Smt. Tukuni Sahu on World Water Day.

“URMI” has been developed after a series of consultations held with key stakeholders, including the PRI members; Pani Panchayat members; farmers; state officials; adolescents; Jal Sahayak, sanitation volunteer, workers and civil society organizations to get behavioural insights from the key players associated with water management at the institutional, community and household levels.



Revising State Water Policy

15 years have passed ever since the State Policy was formulated in 2007 last. Many aspects of water governance and issues related to them, in the meanwhile, have undergone perceptible change.

In the meanwhile, an attempt had been made to draft a State Policy in 2016 as well

While the need for a State Policy has been dealt with in the draft ,in order to make it comprehensive, further deliberations are required

Besides, there is a need for hitherto well or less cover areas such as the following,

Emerging areas of data management, IT, sustainability and climate change, gender mainstreaming etc among others.

Elements of evidence-based informed planning; technology driven initiatives; improved Composite Water Management Index (CWMI).

Convergence and collaborations with Government departments, UN agencies, policy makers, academia, practitioners, industries, farmers, partners, experts and other key stakeholders.

IEC and SBCC to reach out to the stakeholders

The Department, in the meanwhile, had signed a Letter of Understanding (LoU) with UNICEF for collaboration on a host of activities, majorly, for Water Communication Strategy, State Water Policy and making WALMI a Centre of Excellence.

In this context, the Department had conducted a various brainstorming session with participation of all the key stake holders with participation of all senior officials of the stakeholder departments &as a follow through, intra departmental deliberations had already been conducted in physical mode, with branches like Major & medium, minor, OLIC, Megalift, Ground water, CAD-PIM.

Following that, inter-departmental deliberations have been conducted with E & IT, Ag & FE, PR & DW, Industry, F & ARD, W&CD, SPCB, Energy and H&UD Department.

Group Discussion during consultation & workshop with various Dept. on revisit of state water policy



Celebration of World Water Day, 2023

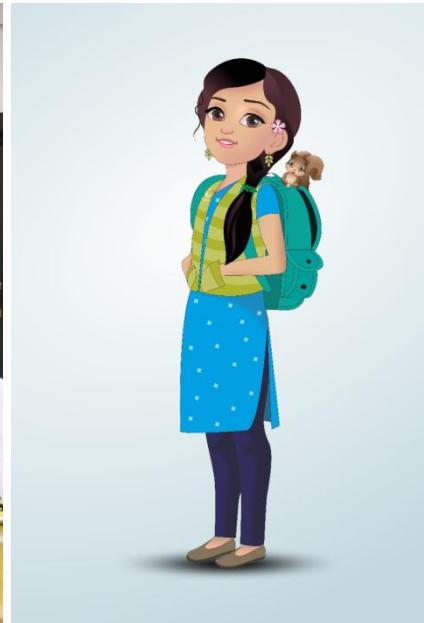
The Department of Water Resources, Odisha has observed the World Water Day at DoWR Conference Hall, Rajiv Bhawan, Bhubaneswar on 22nd March, 2023.

The theme of this day this year is ‘Accelerating Change’ to solve the water and sanitation crises. The programme was graced by Hon’ble Minister, Water Resources, Commerce & Transport, Smt. TukuniSahu and led by the Development Commissioner-cum-Additional Chief Secretary, DoWR, Smt. AnuGarg.

A Water Communication Strategy, “URMI” and other IT applications has been launched by Hon’ble Minister Smt. TukuniSahu. Further, one booklet on Jal Shakti Abhiyaan 2.0 has been released.



Youth4Water



Odisha Water Resources department, UNICEF jointly conduct a brainstorming session with youths from Youth4Water on 29th November,2022 at Rajiv Bhawan, Bhubaneswar. The session highlighted the importance of participation of youth in water management. The session was titled "Meet & Greet: Connect + Network + Collaborate: Ideation & achievement sharing session with 30 youths of Odisha on pani, swachta & climate change." 11 Innovation Awardees were awarded by ACS Ma'am. This campaign provides platform for youth to become thought and action leaders both at policy & on-ground solutions.

The logo and mascot "Jolly" which has been inspired by the concept of "Jal se Jolly" typifies a young Odia girl on a mission to promote the cause of water, Sanitation and the environment.

SOCIAL MEDIA

For Social Media Management & Implementation of the IEC activities in the Department of Water Resources, Four social media consultants have been engaged from OCAC empanelled consulting firm M/s OASYS Tech Solutions Pvt. Ltd. The Consultants have been placed under different Controlling Officers of the Department to manage the Social Media Management of different wings like major, medium, minor , OLIC & CAD-PIM.



Dept. of Water Resources  @OdishaWater

"Observing the Pani Panchayat Pakhya at the district level in Nayagarh district - a testament to the importance of empowering local communities for water security! #PaniPanchayatPakhya #Nayagarh #WaterSecurity @CMO.Odisha

@MoJSDoWRRDGR

@TukuniSahu

@anugarg



5:10 PM · Feb 12, 2023 · 3,396 Views

3 Retweets 56 Likes

Dept. of Water Resources  @OdishaWater

A slew of reformative measures was taken up under 5T by Water Resources, Odisha.

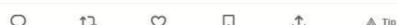
Anu Garg, ACS, WR in the state level function Pani Panchayat Pakhya, 2023 today, explained how more than 14,000 Pani Panchayats have been activated & more women inducted as members. #WaterResources



Anu Garg, IAS,
Additional Chief Secretary

11:11 PM · Feb 15, 2023 · 2,847 Views

4 Retweets 56 Likes



Dept. of Water Resources  @OdishaWater

Importance of Pani Panchayats in water governance, participatory irrigation management, and ensuring equity at the grass root level is acknowledged.

#PaniPanchayatPakhiya2023 #Odisha #ChiefMinister #SechaSahabagita #RealTimeMonitoring



10:11 PM · Feb 15, 2023 · 1,500 Views

2 Retweets 38 Likes



Dept. of Water Resources  @OdishaWater - Feb 16

Pani Panchayats were suggested to ensure judicious and equitable distribution of water among various water users; promote a culture of conserve- reuse- recycle of water; diversify crops and increasing crop intensity; adopt technology for efficient water use;



1 1 12 563 ▲ Tip

Water Resources Department Government of Odisha

24 March, Instagram  5 Pani Panchayats village of Padampur Sheragada, Ganjam celebrate #WorldWaterDay at the grassroots level
#WaterConservation #Sustainability CMO Odisha Tukuni Sahu

Department of Water Resources



10 2 comments 2 shares



Dept. of Water Resources @OdishaWater

'Urm', the water communication strategy has been introduced for better awareness, engagement and behaviour change in water management. This effort will help to strengthen water management at all levels!

#WaterCommunication #BehaviorChange #CommunityEngagement



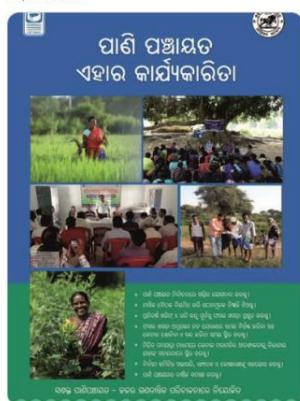
6:41 PM · Mar 22, 2023 · 4,840 Views

16 Retweets 103 Likes

Dept. of Water Resources @OdishaWater - Feb 3

A decentralised, grassroots approach to water governance and management.

#PaniPanchayatPakhy #benefits #celebration #water #utilisation #optimisation



1 3 18 907 Tip

Dept. of Water Resources @OdishaWater - Feb 3

The Pani Panchayat of Ganjam is a success story of community-driven, sustainable water management. This initiative was started by the Odisha government in partnership with the local community, which aimed to ensure equitable access to water for all inhabitants of the district.



ପାଣି ପଞ୍ଚାୟତ ପକ୍ଷ
ସମ୍ରକ୍ତ କୃଷକ
ସମ୍ରକ୍ତ ଉତ୍ସାହ

3 6 41 2,621 Tip

Dept. of Water Resources @OdishaWater - Feb 7

District-level competitions for Pani Panchayat Pakhy are organised to promote awareness of issues centering on the water among school children.



2 3 39 1,664 Tip

Dept. of Water Resources @OdishaWater - Feb 9

#WaterConservationMatters!

Kudos to #MLAs of Niali, Rajgangpur, Rourkela, Bargarh, Rajanagar, Chatrapur, Kalsisuryanagar, & Junagirh for addressing members of Pani Panchayat and felicitating the winners of various competitions centering water.

#SustainableFuture



1 1 30 1,013 Tip

Dept. of Water Resources @OdishaWater - Feb 11

#UnitingDhenkanal: Achieving Water Security through District-level Pani Panchayat Pakhy Palana! #Dhenkanal #WaterSecurity #PaniPanchayat @CMO_Odisha

@MoJSDoWRRDG

@TukuniSahu

@_anugarg



3 23 967 Tip

Dept. of Water Resources @OdishaWater - Feb 11

#PaniPanchayatPakhyPalana2023: Bringing communities together to conserve and protect our water resources! #WaterConservation #LocalAction @CMO_Odisha

@MoJSDoWRRDG

@TukuniSahu

@_anugarg



1 2 18 817 Tip



Dept. of Water Resources @OdishaWater

#WorldWaterDay2023



▶ 1,345 views

0:09 / 0:25

10:06 AM · Mar 22, 2023 · 4,316 Views

10 Retweets 2 Quotes 78 Likes 1 Bookmark

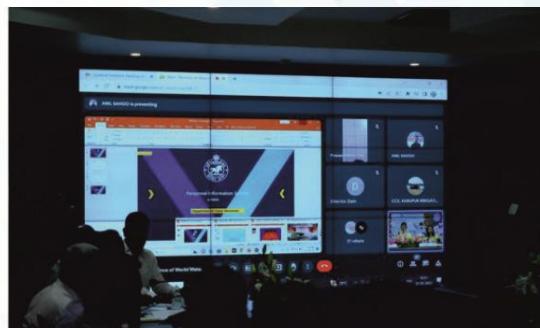


Dept. of Water Resources @OdishaWater

On World Water Day, A series of initiatives introduced to improve water resource management in our state. These include Urm - a water communication strategy, PINSYS - a database of WR engineers, and WaterDox - a web-enabled interface for data storage. #WaterResources



Department of Water Resources



11:02 PM · Mar 22, 2023 · 1,255 Views

7 Retweets 29 Likes



Dept. of Water Resources @OdishaWater

The Department of Water Resources continues its efforts towards sustainable water management with the launch of PINSYS and WaterDox, and the release of the Jal Shakti Abhiyaan 2.0 booklet.

#WorldWaterDay

@TukuniSahu



11:07 AM · Mar 23, 2023 · 1,830 Views

6 Retweets 49 Likes



23 March Instagram

#WorldWaterDay2023, The Department of Water Resources observed the day with Honble Minister, Water Resources & Commerce & Transport gracing the occasion. Let's work together towards a sustainable future for our most precious resource - water. #WaterConservation



Department of Water Resources



10 23

2 comments

Share

DEPARTMENT OF
WATER RESOURCES
GOVT. OF ODISHA

**WORLD
WATER DAY
CELEBRATION**

odisha_water • Follow

odisha_water Reflecting on a successful World Water Day celebration on March 22nd, 2023. Let's work together towards taking action towards sustainable water management for a better future. #WorldWaterDay #SustainableWaterManagement #GlobalAction

Jay Jagannath Mahaprabhu Sir/Ma'am, In our area all field channels and field drain are damaged our irrigated fields are not irrigated due to which there are crop fights and even serious law and order issues over rights on the canal water. currently, the Canal Water Authority (CWA) Department and Pani Panchayat is not functioning in our area. There are 500

13 likes
MARCH 28
Log in to like or comment.

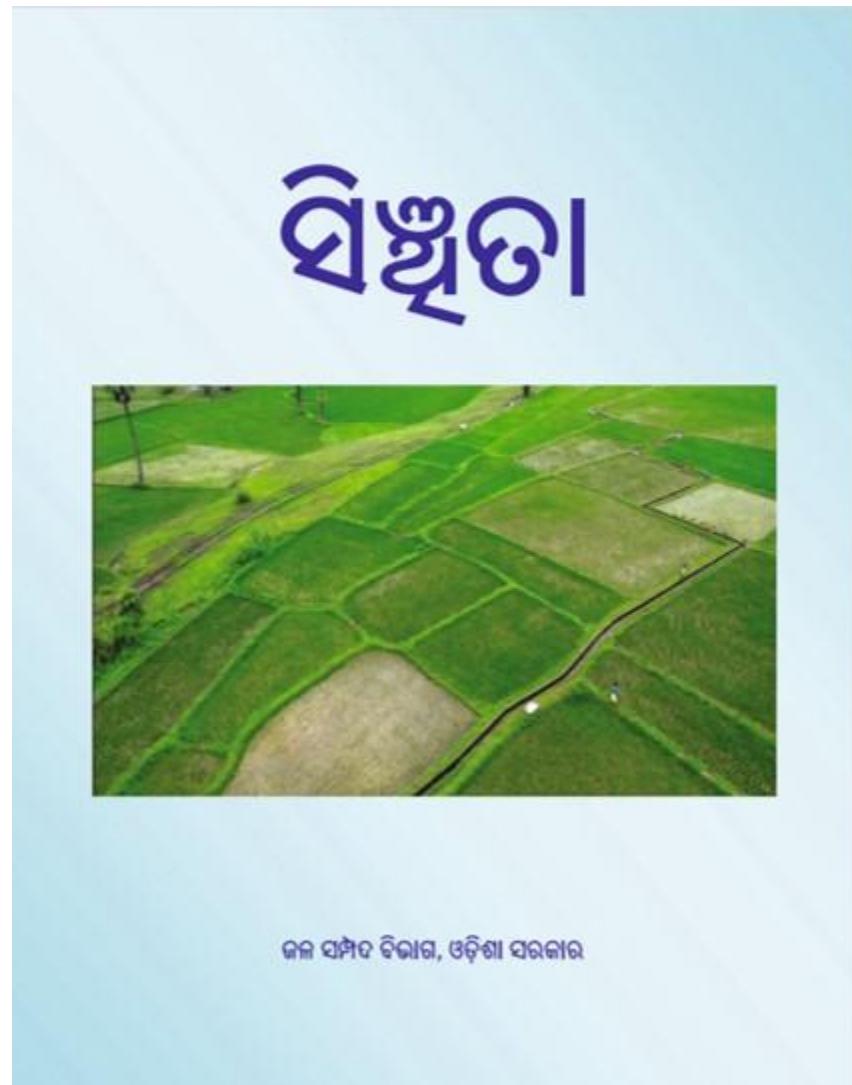
Training:

Training Programme on Participatory Irrigation Management



Field Visit of CAD-PIM Officials to Dhenkanal on National-PIM training





Training Module “Sinchita” is developed for training of various stakeholders



Exposure Visit:

CAD-PIM Officials Availing Hands-on Experience on Sustainable Water Management Practices(Exposure visits to Maharashtra, Gujarat & Karnataka)

