



Government of India  
Ministry of Water Resources  
River Development & Ganga Rejuvenation  
**Central Water & Power Research Station**  
Khadakwasla, Pune – 411 024

**Issue No.: 08**

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## **CWPRS MONTHLY INFORMATION BULLETIN**

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## Summary Information For 2007-2015

Years	Jobs Awarded		Reports Submitted	Papers Published	Participation in Seminars/ Symposia/ Conferences	Lectures Delivered	Technical Committee Meetings	Training of Personnels	Training Programmes Organized
	Nos.	Amount (₹)							
2007-08	131	12,23,51,446	106	44	30	31	19	34	02
2008-09	130	15,74,38,098	89	41	24	36	20	38	01
2009-10	118	14,46,68,747	94	57	39	36	30	59	04
2010-11	159	17,06,34,397	95	94	38	52	23	61	11
2011-12	139	18,56,13,568	116	63	26	45	42	88	08
2012-13	150	22,53,10,859	120	67	44	57	24	55	08
2013-14	152	18,24,51,087	112	63	37	68	21	54	11
2014-15	153	25,69,14,032	113	62	58	47	12	62	09

## FOR CURRENT YEAR 2015-2016

Till July-15	23	3,69,47,145	24	12	04	20	03	09	02
During Aug-15	06	2,12,21,555	08	00	00	00	00	02	00
<b>Total</b>	<b>29</b>	<b>5,81,68,700</b>	<b>32</b>	<b>12</b>	<b>04</b>	<b>20</b>	<b>03</b>	<b>11</b>	<b>02</b>

**1. ESTIMATES****1.1 Submitted** (23 Nos. totaling to Rs. 2,12,79,990/-)

Sl. No.	Name of Work	Sponsoring Agency	Division	Amount (Rs.)
1.	Studies for determining in-situ stresses of dam concrete, rock mass and other properties of Bhakra Dam, Nangal, Punjab	The Director/Designs, B&B Design Directorate, Bhakra Beas Management Board (BBMB), Nangal Township 140 124, Roopnagar, Punjab	GE	20,00,260
2.	Underwater sonic logging of boreholes at Kalyani (Kolkata), West Bengal for M/s Fugro Geotech Pvt. Ltd., Navi Mumbai, Maharashtra	Business Line Manager, Onshore Geotechnics, Fugro Geotech (I) Pvt. Ltd., Plot No. 51, Sector 6, Sanpada, Navi Mumbai 400 705, Maharashtra	Isotope Hyd.	8,76,690
3.	Chemical analysis of concrete seepage water and moisture content of concrete of Bhakra Dam, Punjab	The Director (Designs), Bhakra Beas Design Director, BBMB Nangal Township, Dist. Roopnagar, Punjab 140 124	WQA&M	6,45,000
4.	Ultrasonic pulse wave velocity test (P&S waves) for rock specimens of Bhakra dam for M/s Bhakra Beas Management Board, Nangal, Haryana	The Director/Designs, Bhakra & Beas Design Directorate, Bhakra Beas Management Board, Nangal Township 140124, Haryana	GP	4,29,320
5.	Determination of properties of construction materials for proposed earthen dam for Lower Tapi project, Jalgaon, Maharashtra	Dy. Ex. Engineer, Lower Tapi Project Division, Chopda, Hatnur Canal Colony, Jalgaon 425001, Maharashtra	GE	4,08,170
6.	Studies for evaluating the mortar making properties of fine aggregates, Lower Tapi Division, Chopda, Jalgaon, Maharashtra	Dy. Ex. Engineer, Lower Tapi Project Division, Chopda, Hatnur Canal Colony, Jalgaon 425001, Maharashtra	CT	2,21,640
7.	Evaluation of properties of geotextile material used for construction of geotube embankment for erosion protection at Pentha village, Kendrapada Dist., Odisha	Executive Engineer, Aul Embankment Division, Aul, Dist. Kendrapada, Odisha 754 219	GE	1,50,750
8.	Testing of construction material from Lower Tapi project, Tal. Amalner, Dist. Jalgaon, Maharashtra	The Executive Engineer, Lower Tapi Project, Hatnur Canal Colony, Chopda, Jalgaon 425107, Maharashtra	WQA&M	4,04,170
9.	Test of construction materials for petrographic analysis of coarse and fine aggregates for Lower Tapi project, Tal. Amalner, Dist. Jalgaon, Maharashtra	The Executive Engineer, Lower Tapi Project, Hatnur Canal Colony, Chopda, Jalgaon 425107, Maharashtra	GE	1,55,150
10.	Mathematical model studies for wave tranquility for development of multipurpose clean cargo berth at Paradip Port, Odisha for M/s WAPCOS	Deputy Chief Engineer, WAPCOS Ltd., Swastik, Gulmohar Path, Behind SNTD College, Erandwane, Pune 41 1004	MMCE	6,86,160
11.	Studies for mooring analysis of ships at multipurpose clean cargo berth, Paradip Port, Odisha, for M/s WAPCOS	Deputy Chief Engineer, WAPCOS Ltd., Swastik, Gulmohar Path, Behind SNTD College, Erandwane, Pune 41 1004	MMCE	7,07,580
12.	Physical model studies for wave tranquility at the proposed multipurpose cargo berth of Paradip Port, Odisha	Deputy Chief Engineer, WAPCOS Ltd., Swastik, Gulmohar Path, Behind SNTD College, Erandwane, Pune 41 1004	PH	6,99,260

13.	Site visit for instrumentation in main dam of Sardar Sarovar Project, Vadodara, Gujarat	Executive Engineer, Narmada Project Design (Dam & Power House) Circle, 3rd Floor Block, Narmada Bhavan, Indira Avenue, Vadodara 390001, Gujarat	HI	89,900
14.	Studies for mooring analysis of ship at marine liquid terminal II and III at Kamarajar Port for M/s WAPCOS	Deputy Chief Engineer, WAPCOS Ltd., Swastik, Gulmohar Path, Behind SNDT College, Erandwane, Pune 411004	MMCE	8,07,710
15.	Maintenance of 3-D random wave physical model of Kamarajar Port, Ennore under R&D scheme of Kamarajar Port during the year 2015-16	Chairman-cum-Managing Director, Port Ltd., P.T. Lee, C.N. Maaligai, Rajaji Salai, Tamil Nadu	PH	13,18,020
16.	Running and maintenance of New Mangalore Port random wave physical model during 2015-16	Chief Engineer (Civil), New Mangalore Port Trust, Mangalore 575010	PH	24,96,490
17.	Running and maintenance of Chennai Port regular wave physical model during 2015-16	Chief Engineer, Chennai Port Trust, Rajaji Salai, Tamil Nadu	PH	16,59,640
18.	Revised estimate for mathematical model studies for channelization of Giri river near village Rajban and Nawada, Dist. Sirmour, Himachal Pradesh	Executive Engineer, Irrigation & PH Division, Pavanta Sahib 173025, Himachal Pradesh	RH	17,87,680
19.	Mathematical model studies for surge analysis for Rising main of Ambawade & Kamathi Lift Irrigation Scheme Project, Tal. & Dist. Satara, Maharashtra	Executive Engineer, Urmodi Dam Division Satara, Sinchan Bhavan, Krishnanagar, Dist. Satara 415003, Maharashtra	CSWCS	6,17,700
20.	3D stress and stability analysis by FEM of Chandpatha masonry gravity dam, Shivpur, M.P.	The Chief Engineer (BODHI), Water Resources Department, Dam Safety Building, Link Road No. 2, Tulsi Nagar, Bhopal 462003, M.P.	SMA	14,87,510
21.	Field and laboratory studies for determination of properties of Chandpatha masonry gravity dam, M.P.	The Chief Engineer (BODHI), Water Resources Department, Dam Safety Building, Link Road No. 2, Tulsi Nagar, Bhopal 462003, M.P.	GE	15,89,010
22.	Seismic tomography test at Chandpatha Masonry Gravity Dam, M.P.	The Chief Engineer (BODHI), Water Resources Department, Dam Safety Building, Link Road No. 2, Tulsi Nagar, Bhopal 462003, M.P.	GP	9,83,980
23.	Estimation of site specific design seismic parameters for Siomng Storage Project, Arunachal Pradesh for WAPCOS (I) Ltd.	The Chief General Manager (Hydro Power), WAPCOS (I) Ltd., 76-C, Institutional Area, Sector-18, Gurgaon 122015, Haryana	ES	10,58,200

### 1.2 Awarded (06 Nos totaling to 2,00,57,220/-+ 11,64,335/- for calibration works)

Sl. No.	Name of Work	Sponsoring Agency	Division	Amount (Rs.)
1.	Studies of various physical parameters of epoxy jointing mortar manufactured by M/s Perma Construction Aids Pvt. Ltd., Mumbai, Maharashtra	The Director, Perma Construction Aids Pvt. Ltd. 611/612 Nirmal Corporate Centre, LBS Marg, Mulund (W), Mumbai-400080, Maharashtra	CT	3,21,770
2.	Hydraulic model studies for bank protection of river Ganga near Bhagalpur, Bihar	Superintending Engineer, Irrigation Circle, Water Resources Department, Bhagalpur 800 015, Bihar	RH	1,43,69,300

3.	Estimation of site specific design parameters for Pancheshwar multipurpose project, Nepal/India, for WAPCOS (I) Ltd	Senior General Manager (Hydropower), WAPCOS (I) Ltd., 76-C, Sector-18, Gurgaon, Haryana 122 015	ES	10,15,710
4.	Review of feasibility reports and technical guidance for the sustainable coastal protection structures under Trench-1&2, SCPMIP, Karnataka	Project Director, Project Management Unit, Sustainable Coastal Protection & Management Investment Programme (SCPMIP), Mangalore, Karnataka 575 001	CHS	19,72,250
5.	Mathematical model study to assess impact of proposed dry dock on existing marine facilities for M/s Cochin Shipyard Ltd., Cochin	Assistant General Manager (Civil), Cochin Shipyard Ltd., Kochi 682015	PH	15,01,500
6.	Underwater sonic logging of boreholes at Kalyani (Kolkata), West Bengal for M/s Fugro Geotech Pvt. Ltd., Navi Mumbai, Maharashtra	The Business Line Manager, Onshore Geotechnics, M/s Fugro Geotech (India) Pvt. Ltd., Plot No. 51, Sector 6, Sanpada, Navi Mumbai 400 705, Maharashtra	IH	8,76,690

## 2. REPORTS SUBMITTED (08 Nos.)

Sl. No.	Title	Report No	Month/Year
1.	Analysis and interpretation of dam instrumentation data for the period January 2014 to December 2014 for non-overflow block 25, Indirasagar Dam	5307	08/2015
2.	Identification of suitable materials and suggesting methodology for repairing of damages towards arresting leakage/seepage of water in Aqueducts, Goa	5308	08/2015
3.	Mathematical model studies for surge analysis of Palasgaon-Amdi Lift Irrigation Scheme, Tal. Ballarpur, Maharashtra	5309	08/2015
4.	Updation of extreme value analysis of meteorological parameters for GHAVP site, Haryana	5310	08/2015
5.	Estimation of site-specific design parameters for Pancheshwar multipurpose project, Nepal	5311	08/2015
6.	Mathematical model studies for estimation of littoral drift distribution and shoreline changes due development of port facilities for M/s JSW at Tarapore, Thane	5312	08/2015
7.	Estimation of site-specific seismic design parameters for Teesta Low Dam Stage-V HEP, West Bengal	5313	08/2015
8.	Testing and calibration of ultrasonic flowmeter type installed at the integrated gate using primary gravimetric standard for Krishna Bhagya Jalam Nigam Ltd., Karnataka	5314	08/2015

## 03 RESEARCH PAPERS

### 3.1 Submitted – (33 Nos)

1. Andrade Rolland (Dr.), R. Rangarajan (Dr) "Managing drinking water scarcity through harvesting surplus rainfall runoff in semi arid provinces of India", for possible publication in "Current Science" or Journal Geological Society of India"
2. Basu A., A.A. Purohit, M.M. Vaidya, M.D. Kudale "Application of artificial intelligence to schedule operability of waterfront facilities in macro tide dominated wide estuarine harbour", for possible publication in "18th International Conference on Coastal and Ocean Engineering (ICCOE 2016)", Zurich, Switzerland, 12-13 January 2016
3. Muralidhar B., J.S. Edlabadkar (Mrs), A.D. Khot "Stability of hill slopes along the rim of reservoir art Bunakha H.E. project, Bhutan", for possible publication in "Indian Geotechnical Conference (IGC-2015)", COEP, Pune, 16-19 December 2015

4. Dhawan K.R. (Dr), B. Muralidhar, J.S. Edlabadkar (Mrs) "Assessment of mine slope stability at Talabira - 1 Coal Mine, Odisha", for possible publication in "Indian Geotechnical Conference (IGC-2015)", COEP, Pune, 16-19 December 2015
5. Sahu K.C. (Dr), G V R Murthy, V K Tripathi, K Rajesh "Surge analysis on water conductor of lift irrigation schemes : a case study", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
6. Agrawal A.K., K.C. Sahu (Dr), B S Chavan, K Rajesh "Performance of vertical lift slide gates", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
7. Verma M.K., M Z Qamar, Neena Isaac (Mrs), V V Bhosekar Dr (Mrs) "Design optimization of desilting chamber by model studies", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
8. Jha S.N., V.B. Sharma, J. Sinha, M.D. Kudale "Mathematical modeling to assess littoral drift and shoreline changes at a marine terminal", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
9. Gopi Krishna B., B.R. Tayade, A.V. Mahalingaiah, M.D. Kudale "Development of a fishing harbour in a small tidal inlet - a case study", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
10. Rama Rao V.S., K.T. More, M.R. Bhajantri (Dr), V.V. Bhosekar (Dr) (Smt) "Modification of spillway and energy dissipator for a Himalayan dam", for possible publication in 20<sup>th</sup> International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
11. Bhate R.R., M.R. Bhajantri (Dr), V.V. Bhosekar (Dr) (Smt) "Numerical simulation of flow through breast wall spillway", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
12. Patnaik S.R. (Mrs), K.T. More, M.R. Bhajantri (Dr), V.V. Bhosekar (Dr) (Smt) "Physical and numerical modelling of Indira Sagar dam spillway", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
13. Bobade K.B., S.G. Manjunatha, M.D. Kudale "Comparison and correlation of air temperature of coastal and inland area - a case study", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
14. Borkar A.S., Santosh Kori, A.M. Vaidya (Mrs), M.D. Kudale "Numerical modeling of wave propagation in Gulf of Khambat", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
15. Shimpi J.A., A.V. Mahalingaiah, M.D. Kudale "Role of field studies for the development of berthing facilities in complex tidal flow conditions", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
16. Sundarlal B.S., Sangeeta Patnaik (Mrs), V.V. Bhosekar (Dr) (Smt) "Selection and design of a suitable energy dissipator through hydraulic model studies for Teesta low dam spillway, Stage-IV, West Bengal, A case study", for possible publication in 20<sup>th</sup> International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
17. Malik Kuldeep, N.A. Sonawane, K.V. Katte (Mrs), R.G. Patil (Dr), M.K. Pawar, T. Nagendra "Hydraulic design of a major bridge across river Narmada", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee, 17-19 December 2015
18. Purohit A.A., A. Basu, K.A. Chavan, M.D. Kudale "Importance of hydraulic modelling in the development of mega container terminal in wide macrotide dominated estuarine harbour", for

- possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee,17-19 December 2015
19. Vivekanandan N., C. Ramesh (Dr.), R.S. Jagtap "Assessment of adequate probability distribution for extreme wind speed analysis under missing data scenario", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  20. Sharma V.B., Prabhat Chandra, M.D. Sawant, T. Nagendra "Studies for hydrodynamics and siltation for deepening of approach channel at Mormugao Port, Mormugao", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  21. Gupta R.P., H.R. Khandagale (Mrs), P.K. Goel "Experimental studies for draft evaluation in towing tank", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  22. Ghule S.J., P.M. Abdul Rahiman, M.S.R. Naidu, P.K. Goel "Surge analysis of rising main of lift irrigation scheme: a case study",for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  23. Rajkumar G.A., B. Krishna, L.R. Ranganath, M.D. Kudale "Numerical model studies for evaluating flow conditions, siltation and identification of dumping grounds for proposed jetty", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  24. Pardeshi G.R., S.P. Jagtap, P.K. Dorle, M.D. Kudale "Estimation of design wave and water level conditions for the development of a port - a case study", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  25. Ambekar Jotsna G. (Mrs), B. Raghuram Singh, R.G. Patil (Dr) "Design of embankments and bank protection works for Pabbar river", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  26. Gadge Prajakta (Mrs), V. Jothiprakash (Prof), V.V. Bhosekar (Dr) (Smt) "Optimization of grid size and time step for simulation of flow through orifice spillway", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  27. Mannivanan R., J. Sinha, T. Nagendra, M.D. Kudale "Simulation of peak flood and estimation of scour depth for a bridge using model instead of measured velocity - a case study", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  28. Prabhat Chandra, S.S. Chavan, B.K. Gautam, T. Nagendra "Wave tranquility studies for 2nd stage development of Karwar Port, Karnataka",for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee,17-19 December 2015
  29. Chaudhari R.K., Sadhana Kulkarni (Mrs), A.M. Vaidya (Mrs), M.D. Kudale "Wave model studies for feasibility of a passenger jetty at Kashid, Maharashtra", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  30. Prabhat Chandra, P.L. Patel (Prof), P.D. Porey (Prof) "Sediment management modeling in Upper Tapi basin",for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015
  31. Ranganath L.R., A.K. Singh, M. Karthikeyan, M.D. Kudale "Siltation and its effect on development of fish landing jetty in tidal inlet",for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)", IIT Roorkee,17-19 December 2015
  32. Singh A.K., B. Krishna, L.R. Ranganath, M.D. Kudale "Assessment of siltation for the development of fisheries harbour in open coast", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015)",IIT Roorkee,17-19 December 2015

33. Selva Balan M., S. Dhayalan, S.B. Salunke, A.D. Sonavane "Sedimentation survey of Tawa reservoir - case study", for possible publication in 20th International Conference on Hydraulics, Water Resources & River Engineering (HYDRO 2015), IIT Roorkee, 17-19 December 2015

### 3.2 Published – Nil

### 4. PARTICIPATION IN SEMINARS/ SYMPOSIA/ CONFERENCES - Nil

### 5. LECTURES DELIVERED – Nil

### 6. PARTICIPATION IN TECHNICAL COMMITTEE

#### 6.1 Technical Committee Meetings : Nil

#### 6.2 Other Meetings : (01 No)

Sl. No.	Name of Committee	Date and Venue	Participant(s)
1.	Attended meeting chaired by Director, NMCG	26.08.2015 New Delhi	Shri S. Govindan, Director

### 7. TRAINING OF PERSONNEL - (02 Nos.)

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	Training programme on "Integrated Scientific Project Management for Women Scientists/Technologists"	Centre for Organisation Development (COD), Hyderabad 31 Aug-04 Sept 2015	Vaidya S.P. (Mrs.) (Dr.), Sci-D Neena Isaac (Mrs.), Sci-D

### 8. IMPORTANT VISITORS :

Sl. No.	Name & Designation	Organization / Constituency	Date of Visit	Purpose
1.	Lt. Gen. N.C. Marwah (Retd), Head	NDMA, Delhi	11.08.2015	Visit to CWPRS

### 9. NEW APPOINTMENTS, PROMOTIONS & RETIREMENTS

Sl.No.	Name of Person	Designation	Division	Date
<b>New Entrants</b>				
1.	Shri Sagar H. Burde	C'man C	Mech W/shop	03.08.2015
2.	Shri Ganesh M Salunke	C'man C	Pump House	05.08.2015
3.	Shri Ashok S Thombare	C'man C	EE(C)	05.08.2015



4.	Shri Tribhuvan Kumar	MTS	Admin	21.08.2015
<b>Promotions</b>				
1.	Shri M.D. Kudale	AD		31.08.2015
2.	Smt. V.N. Kulkarni	Supdt	EE(C)	14.08.2015
<b>Retirement</b>				
1.	Shri S. Govindan	Director		31.08.2015
2.	Shri A.B. Hanamghar	D'man-I	PH-I	31.08.2015
3.	Shri D.H. Kolhe	MTS	EE(C)	31.08.2015

10. Other Information: Nil