



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

Issue No.: 1

April 2016

---

## CWPRS MONTHLY INFORMATION BULLETIN

---

1. ESTIMATES	
1.1 Submitted	03
1.2 Awarded	05
2. REPORTS SUBMITTED	07
3. RESEARCH PAPERS	
3.1 Submitted	07
3.2 Published	07
4. PARTICIPATION IN SEMINARS/ SYMPOSIA/ CONFERENCES	08
5. LECTURES DELIVERED	08
6. PARTICIPATION IN MEETINGS	
6.1 Technical Committees	08
6.2 Other Committees	08
7. TRAINING OF PERSONNELS	09
8. IMPORTANT VISITORS	09
9. NEW APPOINTMENTS / PROMOTIONS / RETIREMENTS	09
10. TRAINING PROGRAMMES ORGANIZED	09
11. OTHER INFORMATION	09

## Summary Information For 2008-2016

Years	Jobs Awarded		Reports Submitted	Papers Published	Participation in Seminars/ Symposia/ Conferences	Lectures Delivered	Technical Committee Meetings	Training of Personnel	Training Programmes Organized
	Nos.	Amount (₹)							
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
2015-16	85	13,95,89,971	106	65	51	74	17	120	10

## FOR CURRENT YEAR 2016-2017

During Apr-16	11	1,07,37,391	06	04	03	06	00	00	00
---------------	----	-------------	----	----	----	----	----	----	----

## 1. ESTIMATES

1.1 Submitted: (35 Nos. totaling to Rs. 11,98,56,590/-)

Sl. No.	Name of Work	Sponsoring Agency	Division	Amount (Rs.)
1.	Dispersion study to assess feasibility of DS3/DS4 dumping grounds for disposal of dredged material resulted from deepening and widening of main navigational channel (Phase-II) for M/s JNPT, Mumbai	Chief Manager (PPD), Jawaharalal Nehru Port Trust, Administrative Building, Sheva, Taluka - Uran, Navi Mumbai - 400 007	PH-III	12,71,060
2.	Estimation of site specification seismic design parameters for Tiawng HE Project, Mizoram for CWC	Superintending Engineering, Rebekka Ville, Near Barik Paint Temple Road, Lower Lachumiere, Shillong - 793001	ES	7,96,190
3.	Micro earthquake study for Tlawng HE Project, Mizoram for CWC	The Superintending Engineering, Rebekka Ville, Near Barik Point, Temple Road, Lower Lachumiere, Shillong 793 001	ES	20,77,400
4.	Mathematical model studies for suggesting protection works to the Right Bank of River Narmada at Uttareshwar, dist. Vadodara, Gujarat	Vadodara Irrigation Division, 7th Floor, Room NO. 717, 'T' Block, Kuber Bhuvan, Vadodara - 370 001, Gujarat	BE	13,72,680
5.	Mathematical Model Studies for hydrodynamics and siltation for modified layout of proposed berthing facility at Karanja for M/s KIPL	Dy. Chief Engineer, WAPCOS, Swasthik, Gulmohar Path, Erandwane, Pune - 411 004	PH	10,58,860
6.	Testing/ Validation of Flow meters at NTPC, Badarpur, NCT of Delhi	Manager, NTPC Limited, Badarpur, NCT of Delhi, Delhi - 110 085	HMC	4,40,780
7.	3D Stress analysis by Finite Element Method of one spillway and one Non overflow block of Votehole Dam, Karnakaka	The Executive Engineer, Hemavatthy Dam Division,Gorur, Dist. Hassan, Karnataka - 573120	SMA	16,33,210
8.	Field studies for Determination of properties of Votehole Masonry Dam, Karnataka	The Executive Engineer, Hemavathy Dam Division, Gorur, Dist. Hassan, Karnataka - 573 120	GE	8,17,490
9.	Site visit of Sirsa river and its Tributaries for flood protection and anit erosion measures at Nalagarh, Dist. Solan, Himachal Pradesh	Executive Engineer, IPH Division, Nalgarh Dist. Solan, Himachal Pradesh - 174 101	BE	3,23,410
10.	Hydraulic model studies for spillway & power intake structure of Kholongchhu HE project, Bhutan 1:60 Scale 3-D, Compressive Model	Executive Director (Hydropower) WAPCOS Ltd. 76-C, Institutional Area, Sector - 18, Gurgaon - 122 015	SED	102,40,140
11.	Hydraulic model studies for Spillway of Kholongchhu HE Project, Bhutan, 1:45 scale 2-D sectional Model	Ex. Director (Hydro power) WAPCOS Ltd. 76, Institutional Area, Sector -18, Gurgaon, Haryana - 171 009	SED	60,00,980
12.	Hydraulic model studies for Flushing of Reservoir of Kholongchhu HE Project Bhutan	Ex. Director (Hydropower), WAPCOS Ltd. 76, Institutional Area, Sector - 18, Gurgaon,	HAPT	97,54,770

		Haryana - 171 009		
13.	Mathematical model studies for Reservoir Sedimentation of Kholongchhu HE Project, Bhutan	Ex. Director (Hydropower), WAPCOS Ltd. 76, Institutional Area, Sector - 18, Gurgaon, Haryana - 171 009	HAPT	32,50,140
14.	Hydraulic model studies for desilting chamber for Kholongchhu HE Project, Bhutan	Ex. Director (Hydropower), WAPCOS Ltd. 76, Institutional Area, Sector - 18, Gurgaon, Haryana - 171 009	HAPT	61,00,370
15.	Hydraulic model studies for silt flushing tunnel beyond desilting chamber for Kholongchhu HE Project Bhutan	Ex. Director (Hydropower), WAPCOS Ltd. 76, Institutional Area, Sector - 18, Gurgaon, Haryana - 171 009	HAPT	47,80,720
16.	Hydraulic model studies for Power Intake of Kholongchhu HE Project, Bhutan	Ex. Director (Hydropower), WAPCOS Ltd. 76, Institutional Area, Sector - 18, Gurgaon, Haryana - 171 009	CS&WCS	1,11,10,640
17.	Hydraulic Model studies for Tailrace Tunnel of Kholongchhu HE Project Bhutan	Ex. Director (Hydropower), WAPCOS Ltd. 76, Institutional Area, Sector - 18, Gurgaon, Haryana - 171 009	CS&WCS	1,21,39,400
18.	Short course on study 5 days training course on study of the Hydro meteorological aspects of floods for Indian Railways at CWPRS Kdk. Pune Maharashtra	Executive Director (Structures) Research Designs and Standards Organization, Ministry of Railways, Lucknow - 226 011, Uttar Pradesh	Hydrometeorology	3,49,230
19.	Functioning test of Digital strong Motion Accelerographs (DSMA) & Digital Micro-earthquake recorder (DMEQ) installed at and around Koyna Dam, Koynanagar Dist. Satara, Maharashtra	Deputy Executive Engineer, Koyna Dam, Maintenance Division, Koynanagar, Tal - Patan, Dist. Satara - 415 207, Maharashtra	ES	85,880
20.	Studies on adiabatic temperature rise of Roller Compacted concrete mixes, Punatsangchhu-I, Hydroelectric Project, Bhutan, for M/s WAPCOS (I) LTD.	Executive Director (Hydropower), WAPCOS (I) Ltd. 76-C, Institutional Area, Sector - 18, Gurgaon - 122 015, Haryana	CT	13,42,210
21.	Temperature control studies on Rollec compacted concrete mix, Punatsangchhu-I, Hydroelectric Project, Bhutan for M/s WAPCOS (I) LTD.	Executive Director (Hydropower), WAPCOS (I) Ltd. 76-C, Institutional Area, Sector - 18, Gurgaon - 122 015, Haryana	CT	17,92,100
22.	Hydraulic model studies for reservoir flushing of Pakal Dul HE Project Kishtwar Jammu & Kashmir	Chief Engineer (Design) CVPP Ltd, 2nd Floor, JKPC Bldg., Panama Chowk, Jammu - 180 006	SM	98,86,420
23.	Mathematical Model Studies for Reservoir sedimentation of Pakal Dul HE Project Kishtwar, Jammu & Kashmir	Chief Engineer (Design) CVPP Ltd, 2nd Floor, JKPC Bldg., Panama Chowk, Jammu - 180 006	HAPT	33,52,050
24.	Hydraulic Model Studies for Spillway (surface spillway, Tunnel Spillway) and Power Intake of Pakal Dul HE Project J & Km 1: 70 Scale 3-D Compressive model	Chief Engineer (Design), 2nd Floor, JKPC Building, Rail Head Complex, Panama Chowk, Jammu - 180 006, Jammu & Kashmir	SED	1,00,59,890
25.	Hydraulic Model Studies for surface spillway of Pakal Dul HE Project, Jammu & Kashmir, 1:40	Chief Engineer (Design), 2nd Floor, JKPC Building, Rail Head Complex, Panama Chowk,	SED	57,29,500

	Scake, 2-D Sectional model	Jammu - 180 006, Jammu & Kashmir		
26.	Mathematical model studies for hydro dynamics siltation and shoreline Evolution for fish landing centre at Gopalpur, Markandi and sonapur Odisha	Executive Engineer, Fishery Engineering Division, Bhubaneshwar, Odisha - 751 006	MMCE	24,22,330
27.	Desk & Wave flume studies for the design of Training bund for fish landing centers at Gopalpur, Markandi and Sonapur, Odisha	Executive Engineer, Fishery Engineering Division, Bhubaneshwar, Odisha - 751 006	CHS	14,00,000
28.	Desh and Wave flume studies for confirmation of breakwater Grass - Sections for the development of Fishing harbour at Vellapallam in TamilNadu	The Chief Engineer, PWD, Fisheries Harbour Projects, D.M.S. Compound, Tejnampet, Chennai - 600 006, Tamil Nadu	CHS	3,88,330
29.	Running and Maintenance of Mumbai Port Model of CWPRS Pune (Sept 2015 to Aug 2016)	Chief Engineer, Mumbai Port Bhawan, Mumbai Port Trust, Shoorji Vallabhdas Marg, Ballard Estate, Mumba - 400 001	PH	28,81,920
30.	Desk and wave flume studies for the design of Costal protection work at Air Force Station in Dwarka Gujarat	Garrison Engineer (AF), Military Engineer Service, Air Force Station, Jamnagar - 361 003, Gujarat	CHS-II	6,69,440
31.	Annual Maintenance of Personal Computers Based Automatic Tide Generation System Commissioned by CWPRS for Tidal Hydraulic Model of Kolkata Port Trust, Kolkata (for one year)	Chief Hydraulic Engineer, Kolkata Port Trust, Hydraulic Study Department, 20 Garden Reach Road, Kolkata - 700 043	Inst-II	3,36,430
32.	Running & Maintenance of New Wave Model of Mormugao Port during 2016-17	The Chief Engineer, Mormugao Port Trust, Head/ Sala, Goa - 403 804	PH-I	20,09,270
33.	Mathematical model studies for wave tranquility for the development of proposed fishing harbour at Poonthura, Kerala	Chief Engineer, Harbour Engineering Department, Kamaleswaram, Munacaud PO, Thiruvananthapuram, Kerala 695 009	PH-I	9,58,260
34.	Mathematical model Studies for hydrodynamics & Siltation for deepening and widening of main navigational channel (Phase-II) proposed by M/s JNPT, Mumbai	Chief Manager (PPD), Jawaharlal Nehru Port Trust, Administrative Building, Sheva, Taluka - Uran, Navi Mumbai - 400 007	PH-III	25,02,780
35	Additional mathematical model studies for Wave Tranquility for the development of proposed fishing harbour at Vellajil, Kerala	The Chief Engineer, Harbour Engineering Department, Kamaleswaram, Manacaud P.O. Thiruvananthapuram - 695009	PH-I	5,22,310

**1.2 Awarded:** (11 Nos. totaling to Rs. 99,32,651/- + 8,04,740/- for calibration works 09 Nos.)

Sl. No.	Name of Work	Sponsoring Agency	Division	Amount (Rs.)
1.	Desk and wave flume studies for the design of breakwater for the development of outer harbour at V.O. Chidambaranar Port,	Chief Engineer, V.O. Chidambaranar Port Trust, Engineering Department (Civil), Administrative Office, Tuticorin	CHS	31,32,570

	Tuticorin, Tamil Nadu			
2.	Mathematical model studies for tidal hydrodynamics and siltation aspects for the development of proposed fishing harbour at Juvvaladinne, SPSR Nellore Dist., Andhra Pradesh	Commissioner of Fisheries, Govt. of Andhra Pradesh, Matsye Bhavan, Shanti Nagar, 4th Lane, Near Masab Tank, Hyderabad 500 028	MMCE	16,06,690
3.	Mathematical model studies for estimation of littoral drift distribution and shoreline changes due to proposal fishing harbour at Juvvaladinne, SPSR Nellore Dist. Andhra Pradesh	Commissioner of Fisheries, Govt. of Andhra Pradesh, Matsye Bhavan, Shanti Nagar, 4th Lane, Near Masab Tank, Hyderabad 500 028	MMCE	9,89,640
4.	Mathematical model studies for wave tranquility for development of fishing harbour at Juvvaladinne, SPSR Nellore Dist., Andhra Pradesh	Commissioner of Fisheries, Govt. of Andhra Pradesh, Matsye Bhavan, Shanti Nagar 4th Lane, Near Masab Tank, Hyderabad 500 028	MMCE	9,97,200
5.	Desk and wave flume studies for the design of breakwaters for the development of fishery harbour at Juvvaladinne in Nellore district, Andhra Pradesh	Commissioner of Fisheries, Govt. of Andhra Pradesh, Matsye Bhavan, Shanti Nagar 4th Lane, Near Masab Tank, Hyderabad 500 028	CHS	16,21,060
6.	Revised estimate for Non-destructive testing for the masonry dams of Vihar, Tulsi and Powai Lakes of MCGM, Mumbai, Maharashtra	The Deputy Chief Engineer, Water Supply Project (Planning & Design) Engineering Hub, 1st Floor, Dr. E. Moses Road, Worli, Mumbai - 400028, Maharashtra	VT	2,08,141
7.	Desk Studies for the confirmation of break water Cross-Sections for the development of fishing harbour at Tharangambadi in Tamilnadu	The Chief Engineer PWD, Fisheries Harbour Project, D.M.S. Compound, teynampet, Chennai-600006, Tamilnadu	CHS	3,81,330
8.	Functioning test of four strong Motion Accelerographs installed at Tarali Dam, Dist - Satara, Maharashtra	Deputy Executive Engineer, Kanher Canals Division No. 2, Karawadi Tal. Karad, Dist. Satara, Maharashtra	ES	80,420
9.	Inspection Visit for functioning tests of dam instruments installed at Tarali dam	Dy. Executive Engineer, Kanher Canals Diviion No. 2, Karawadi, Karad	Hyd. Inst.	63,800
10.	Desk and wave flume studies for the design of coastal protection works at Gopnath (Phase II) Taluka Talaja District, Bhavnagar, Gujarat	Executive Engineer, Salinity Control Division, S-2 Annexe Building Jilla Seva Sadan-II, Bhavnagar - 364001, Gujarat	CHS	4,25,900
11.	Desk studie for the design of Coastal protection works at Khera Taluka, Rasula, District Amreli, Gujarat	Executive Engineer, Salinity Control, Division, S-2 Annex Building Jilla Seva Sadan - II, Bhavnagar - 364001, Gujarat	CHS	4,25,900

**2. REPORTS SUBMITTED:** (06 Nos.)

Sl. No.	Title	Report No	Month/Year
1.	Mathematical model studies for wave tranquility for development of Multipurpose clean cargo berth at Paradip Port	5389	04/2016
2.	Mathematical model studies to surge analyses of Haldi Puram Lift Irrigation Scheme, Maharashtra	5390	04/2016
3.	2-D numerical model for estimation of sediment profiles and flushing of sediments from reservoir of Dri Limb, Etalin HE Project,	5391	04/2016
4.	Mathematical model studies for hydrodynamics and siltation for proposed NTRO jetty in Ernakulam channel for chochin port trust,	5392	04/2016
5.	Wave tranquility studies for development of outer harbour at V.O. Chidambaranar Port, Tuticorin	5393	04/2016
6.	Mathematical model studies for development of fishing harbour at South Paravoor Kolam Dist. Kerala	5394	04/2016

**3. RESEARCH PAPERS****3.1 Submitted** - (6 Nos.)

1. Gupta R. P., K. G. Bhonde, H. R. Khandagale Testing and calibration of contact free radar type discharge sensor, For possible publication in National conference on Water Resources and Hydro Power (WRHP-2016), Uttarakhand, 17-18 June 2016
2. Murthy G. V., Tripathy V. K. Dr. (Mrs.) V. V. Bhosekar Transient analysis to control hydraulic transients in water conductor systems for lift irrigation schemes - a case study, For possible publication in 3rd National Conference on Water, Environment & Society (NCWES-2016), Hyderabad, 06-08 June 2016
3. Dhawan K. R., G. C. Singarkar, Dr. Pravuram Panda Determination of properties of rock and concrete for the existing Bhakra Dam at Nangal, Punjab, For possible publication in INDOROCK - 2016, IIT Bombay, Mumbai, 17-18 June 2016
4. Dhawan K. R., Dr. Santhosh Kumar Petrographic analysis and its application in estimation of physical properties of rocks, For possible publication in INDOROCK - 2016, IIT Bombay, Mumbai, 17-18 June 2016
5. Chary Prabhakar V., Mrs. R. S. Erande, M. D. Kudale Development of differential pressure filtering system for servo-hydraulic random sea wave generator, For possible publication in International Journal of Emerging Technology and Advanced Engineering Volume 6, Issue 5, May 2016,
6. Thomas Justin, K. H. Barve, L. R. Ranganath, G. S. Dwarkish Assessment of wave energy potential along south Maharashtra coast, For possible publication in 3rd International conference on Earth Sciences and Engineering (ICEE-2016), 17-18 June 2016

**3.2 Published** - (04 Nos.)

1. Tripathy G. R. (Dr.), R. R. Shirke, M. D. Kudale Safety of engineered structures against blast vibrations - a case study, Journal of Rock Mechanics and Geotechnical Engineering (JRMGE), April 2016
2. Janrao Prashant S., J. C. Maurya, A. A. Datar, N. S. Kanhe, S.V. Bhoraskar, V. L. Mathe Evidence of domain wall pinning in aluminum substituted cobalt ferrites, Journal of magnetism and magnetic materials,, Volume: 412 (2016) 164-171, April 2016

3. Simpiger B. M., Dr. A. R. Bhalerao Estimation of Throw Distance in the Design of Ski-Jump Bucket, International Journal of Scientific & Engineering Research, Volume 7, Issue 3, March - 2016, April 2016
4. Hansda Savitri, K. K. Swain, Dr. Shanti Vaidya, R. S. Jagtap "Assessment of WQI trends of Khadakwasla Reservoir Pune using CCME-WQI, Proceedings of International Conference on 14-18 March 2016 at Bhopal, MP, April 2016

#### 4. PARTICIPATION IN SEMINARS/ SYMPOSIA/ CONFERENCES - (2 events, 3 personnel)

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	Dr. Bhimrao Ambedkar - Multipurpose Development of Water Resources & Present Challenges	New Delhi 19 <sup>th</sup> April 2016	Dr. M. K. Sinha, Director
2.	MATLAB EXPO 2016	The Westin Pune Koregaon Park 26 <sup>th</sup> April 2016	Shri G. R. Tripathy, Sci-C Dr. P. K. Palei Sci-B

#### 5. LECTURES DELIVERED - (6 Nos.)

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	Mass Concrete: Construction, Procedure etc	28 <sup>th</sup> Induction Training Program (ITP), NWA, Pune 4 <sup>th</sup> April, 2016	Shri S. J. Pillai, Sci - B
2.	Satellites & Sensors	28 <sup>th</sup> Induction Training Program (ITP), NWA, Pune 6 <sup>th</sup> April, 2016	Shri S. D. Ranade, Sci - D
3.	Principles of Remote Sensing, data Models (Application of remote Sensing in water resources)	28 <sup>th</sup> Induction Training Program (ITP), NWA, Pune 6 <sup>th</sup> April, 2016	Shri S. D. Ranade, Sci - D
4.	Map Projections, Global Positioning System	28 <sup>th</sup> Induction Training Program (ITP), NWA, Pune 6 <sup>th</sup> April, 2016	Shr G. V. Ramana Rao, Sci -D
5.	River Training Works	Jaipur 27 <sup>th</sup> April, 2016	Dr. R. G. Patil, Sci - D
6.	Finite Element Method:	27 <sup>th</sup> April, 2016	Shri Rizwan Ali, Sci - D

#### 6. PARTICIPATION IN MEETINGS

##### 6.1 Technical Committee Meetings: (NIL)

##### 6.2 Other Meetings: (1 No.)

Sl. No.	Name of Committee	Date and Venue	Participant(s)
1.	Expert committee meeting on river front development	27.04.2016 PMC Pune	Shri K. K. Gupta, Sci - C Sh. V. M. Prabhakar, Sci - B



**7. TRAINING OF PERSONNEL - (NIL)****8. IMPORTANT VISITORS: (1 No)**

Sl. No.	Name & Designation	Organization / Constituency	Date of Visit	Purpose
1	Commodore C. Srinivas, Dy. Director General & Commander Pankaj Agarwal, DGM	Project Varsha	07.04.2016	Visited Mumbai Port Model

**9. NEW APPOINTMENTS, PROMOTIONS & RETIREMENTS**

Sl. No.	Name of Person	Designation	Division	Date
<b>New Entrants</b>				
1.	Shri Bagwan Khalil Dhwand Munir	RA (Engg)	GE II (RM)	06.04.2016
2.	Shri Mohit Choudhary	LDC	Admin	26.04.2016
<b>Promotions</b>				
<b>Retirement</b>				
1.	Shri N. N. Tambe	D'man II	TC	30.04.2016
2.	Shri Kalyan S. Jadhav	MTS	Workshop	30.04.2016
<b>Repatriation/Transfer</b>				
<b>Resignation</b>				

**10. Training Programmes Organized: NIL****11. Other Information:**

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	Press Conference convened by Honorable Minister of Water Resources, RD & GR	New Delhi 02 <sup>nd</sup> April 2016	Dr. M. K. Sinha, Director

2.	India Water Week (IWW) 2016 organized by Ministry of Water Resources, RD & GR and participate as expert in the session on stakeholders centric research in water Sector	New Delhi 04 <sup>th</sup> - 08 <sup>th</sup> April 2016	Dr. M. K. Sinha, Director
----	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------	---------------------------