



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

Issue No.: 2

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## CWPRS MONTHLY INFORMATION BULLETIN

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## 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

Till Apr-16	11	1,07,37,391	06	04	03	06	00	00	00
During May-16	04	63,62,920	04	03	01	10	01	04	00
Total	15	1,71,00,311	10	07	04	16	01	04	00

## 1. ESTIMATES

## 1.1 Submitted: (21 Nos. totaling to Rs. 5,11,54,620/-)

Sl. No.	Name of Work	Sponsoring Agency	Division	Amount (Rs.)
1.	Studies of various physical parameters of repair material manufactured by M/s Fosroc Chemicals (I) Pvt. Ltd., Mumbai, Maharashtra in connection with repair of hydraulic structures	Product Segment Manager - Repairs and Protective coatings M/s Fosroc Chemicals (I) Pvt. Ltd., 1401/1402, The Great Eastern Summit, 14th Flor, 'A' Wing, CBD Belapur, Navi Mumbai - 400 614, Maharashtra	CT	8,49,120
2.	Calibration of Electromagnetic type flow meter for M/s Shivamrut Co-op Ltd., Ahluj Dist., Solapur, Maharashtra	Shivamrut Co-op Ltd., Ahluj Dist. Solapur, Maharashtra	HMC	60,240
3.	Hydraulic Jump model studies of intake well on river Sabri for M/s Secon Ltd. Ranchi	General Manager, Services, MECON Limited, Ranchi - 2	HMC	3,00,350
4.	Mathematical model studies for hydrodynamics and siltation for the proposed LNG terminal for M/s EBTL at Hazira, Gujarat	General Manager, ESSAR Bulk Terminals Ltd. Surat - Hazira Road, Surat - 394 270	MMCE-II	20,50,830
5.	Sedimentation survey of Barna Dam for assessment of slit	Executive Engineers, Barna left bank Division, Beri Dist, Raisen - 464 665, Madhya Pradesh	INST	29,14,690
6.	Running and Maintenance of Kandla Port Model (Scale H- 1/300, V-1/50) during 2016-17	The Executive Engineer (Harbour), Kandla Port Trust, Nirman Bhawan, New Kandla Kutch, Gujarat - 370 210	PH-I	13,30,900
7.	Running and Maintenance of Kandla Estuary Model (Scale H- 1/1000, V- 1/100) during 2016-17	The Executive Engineer (Harbour) Kandla Port Trust, Nirman Bhawan, New Kandla Kutchch, Gujarat - 370 210	PH-I	12,76,260
8.	Mathematical model studies for locating the dumping ground in the nearby areas for disposal of dredged material from approach channel of Neil Island in Andaman & Nicobar Island	Deputy Chief Engineer - I, Andaman Lakshdeep Harbour works, Port Blair - 744 101	PH-II	12,09,380
9.	Sedimentation survey of Karanja Dam for assessment of Silt	The Executive Engineer, KNNL, KPC Division No. 1, Bider - 585 415	INST	34,71,370
10.	Estimate for calibrations of ADCP and discharge at 457.7 km in Gujarat and 7.88 km in Rajasthan by using current meter and to prepare rating curve and also to compute the average value of Cd.	Assistant Engineer, Sardar Sarovar, Narmada Nigam Limited, Block No. 12. 5th Floor, New Sachivalya, Gandhinagar, Gujarat - 380 010	HAPT-I	60,32,500
11.	Sedimentation survey of Chulatalina Dam for assessment of Silt	Asstt. Ex. Engineer, KNNL, HPCC Sub Division No. 4, Bhalki Camp, Humanabad - 585 330	INST	11,27,336
12.	Sedimentation survey of upper Mullamari Dam for assessment of silt	Asstt. Ex. Engineer, KNNL, HPCC Sub Division No. 4, Bhalki Camp, Humanabad - 585 330	INST	9,59,364
13.	Mathematical model studies to evaluate Hydrodynamics and sedimentation due to realignment	Dy. Chief Engineer, Swastik Gulmohar Path, Behind SNTD, Erandawane, Pune - 411 004	mmce-II	7,99,820

	of bund in Solaya Harbour, ESSAR, Gujarat for M/s WAPCOS			
14.	Hydrographic Survey of Baireha lake, belonging to MES, MHOW Cantt: (MP) using IBS System	DCWE, Mow Cantt - 453 441, Madhya Pradesh	INST	12,75,740
15.	Field studies for determining permeability for the foundation rock before and after grouting at Malaprabha Dam, Karnataka	Executive Engineer, KNNL, MLBC, Dn2, Navuluteertha 591 116, Karnataka	GE	9,30,680
16.	Estimate of transmission losses from 0.0 km to 458.318 km I.e. upto Rajasthan Border at one fixed water level and discharge on Narmada main canal, Sardar Sarovar Project Gujarat	Assistant Engineer, Sardar Sarovar, Narmada Nigam Limited, Block NO.12, Fifth Floor, New Sachivalaya, Gandhi nagar, Gujarat - 382 010	HAPT	2,02,11,300
17.	Estimate for discharge measurement/ rating of Mahi canal crossing at Channel 149 km on Narmada main canal, Sardar Sarovar Project, Gujarat	Executive Engineer, Sardar Sarovar, Narmada Nigam Limited, Block No. 12, 5th Floor, New Sachivalaya, Gandhi Nagar, Gujarat	HAPT-I	26,02,000
18.	One Dimensional Mathematical Model Studies for Construction of Temporary pile Bridge for erection of proposed Flyover Bridge across Mithi River just upstream of Mini Confluence, Mumbai	The Chief Engineer Engineering Division, Mumbai Metropolitan Region Development Authority (MMRDA), Bandra Kurla Complex, Bandra (East), Mumbai - 400 051, Maharashtra	PH - I	7,98,450
19.	Dam Breach studies for Temghar Dam project in Pune District, Maharashtra	Deputy Executive Engineer, Bhama Askhed Dam Divison, Swargate, Near Mutha Canal Pune - 411 037	SWH	10,26,420
20.	Repair and Maintenance of barrage model of Tapovan Vishnugad H.E. Project, Uttarakhand	Additional General Manager, TVHPP, Badrinath Road, Ravigram Township, PO. Joshimath, Distt - Chamoli, Uttarakhand, Pin - 246443	HAPT	10,17,450
21.	Mathematical model studies for wave tranquility for the development of proposed fishign harbour of Thanur, Kerala	The Chief Engineer, Harbour Engineering Department, Kamaleswaram, Manucaud PO, Thiruvananthpuram - 695 009, Kerala	PH-I	9,10,420

**1.2 Awarded:** (04 Nos. totaling to Rs. 52,23,730/- + 11,39,190/- for calibration works 06 Nos.)

Sl. No.	Name of Work	Sponsoring Agency	Division	Amount (Rs.)
1.	Additional mathematical model studies for Wave Tranquility for the Development of Proposed Fishing Harbour at Vellajil, Kerala	Chief Engineer, Harbour Engineering Department, Kamaleswaram, Manucaud P.O., Thiruvananthapuram - 695009	PH-I	5,22,310
2.	Model studies for shifting of existing bund 750m towards river from 15km downstream of Hindon barrage to 4km downstream of DSC road along River Hindon, Uttar Pradesh	Executive Engineer, Head Quarter Khand Agra Nahar, Okhla, New Delhi - 110025	RH	22,08,100
3.	Maintenance of existing 3-D Physical wave model of Paradip Port during the year 2016-17	Chief Engineer (Civil), Paradip Port Trust, Paradeep Port - 754 142, Dist. Jagatsingpur, Odisha	CHS	15,82,900

4.	Mathematical model studies for wave tranquility for the development of proposed fishign harbour of Thanur, Kerala	The Chief Engineer, Harbour Engineering Department, Kamaleswaram, Manucaud PO, Thiruvananthpuram - 695 009, Kerala	PH-I	9,10,420
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## 2. REPORTS SUBMITTED: (04 Nos.)

Sl. No.	Title	Report No	Month/Year
1.	Mathematical Model Studies for Shoreline changes due to fishing harbour at South Paravoor, Kerala	5395	May, 2016
2.	Calibration/ testing of open channel ultrasonic non-insertion type flow meters in carrier line canal and Delhi Sub- Branch, Delhi	5396	May, 2016
3.	Geotechnical studies for recommendation of seepage control measures for earthen dam in premises of M/s Adlabs Entertainment Pvt. Ltd. Khopoli, Maharashtra	5397	May, 2016
4.	Field studies for determination of properties of masonry of Temghar Masonry dam, Maharashtra	5398	May, 2016

## 3. RESEARCH PAPERS

### 3.1 Submitted - (02 Nos.)

1. Vivekanandan, Dr. C. Ramesh, R. S. Jagtap "Inter-comparison of probability distribution in modeling of air temperature extremes", For possible publication in 6th International Conference on Advanced Trend in Engineering, Technology and Research, BKIT, Kota, 30 June - 01 July 2016
2. Chary Prabhakar V., 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 & Advanced Engineering,

### 3.2 Published - (03 Nos.)

1. Roman Siddharth, Swapnil Dhumal, Akshay Dhadave, Omkar Potekar, Pratap Singh Solanki Implementation of DSS Using Regression Analysis for Dam Management, International Journal of Research in Engineering and Technology,, Volume 5, Issue 05, May 2016, Page No. 299-306, May 2016
2. Chary Prabhakar V., R. S. Erande, M. D. Kudale Development of differential pressure filtering system for servo-hydraulic random sea wave generator, International Journal of Emerging Technology & Advanced Engineering,, Volume 6, Issue 5, May 2016, May 2016
3. Hande Vishakha, Dr. V. M Prabhakar Dr. S. S. Shastri Assessment of Water Quality for River Mutha, Poster at international Conference on innovation in sustainable water and waste water treatment, Yashada Pune, ,May 2016

**4. PARTICIPATION IN SEMINARS/ SYMPOSIA/ CONFERENCES - (1 event, 1 personnel)**

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	National Conference on Emerging trends in Civil Engineering (NCETCE-16)	Nagpur 17-18 May, 2016	Shri S. J. Ghule, ARO

**5. LECTURES DELIVERED - (10 Nos.)**

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	Watershed Modeling- Challenges and Approaches for sustainable development	Trivandrum 4 <sup>th</sup> May, 2016	Shri Vijayagopal P., Sci-B
2.	Role of Hydraulic Model Studies	28th Induction Training Program (IIP) Training Module on "Design and Research NWA, Pune 10 <sup>th</sup> May, 2016	Bhosekar V.V. (Dr.), Sci-E
3.	Response, Mechanism, Level of response, Trigger Mechanism	Training Programme on Emergency Operation Centers in Disaster Management (Monsoon Preparedness) Pune 17 <sup>th</sup> May, 2016	Dr. M. K. Sinha, Director
4.	Seismic Parameter assessment and analysis for Safety Evaluation of Dams	Training Module on "Design and Research" NWA, Pune 30 <sup>th</sup> May, 2016	Dr. Dhanunjaya Naidu, Sci-B
5.	Data Acquisition, wireless data and transmission system for dam structure including instrumentation of Dam	Training Module on "Design and Research" NWA, Pune 30 <sup>th</sup> May, 2016	Shri Kamalasekaran P.D., Sci-D
6.	Safety review and rehabilitation of Embankment & rockfill dams and Concrete Dams	Training Module on 'Design and Research', NWA, Pune 31 <sup>st</sup> May, 2016	Shri Pillai S.J., Sci-B Edlabadkar J. S. (Smt.), Sci-B
7.	Case Study on Coastal Engineering - Rehabilitation of Bio-environment at Chilka Lake	National Training Programme on "Audit of Wetlands, Coastal Ecosystems and CRZ" iCED, Jaipur 20 <sup>th</sup> May, 2016	Shri Sanjay Nath Jha, ARO
8.	Response Mechanism, level of Response, Trigger Mechanism	Training Programme on Incident Response System in Disaster Management (Master Trainer) Pune 24 <sup>th</sup> May 2016	Dr. M. K. Sinha, Director
9.	Disaster Management Planning in Case of Dam Break Events	28th Induction Training Program for directly appointed officers of Central Water Engineering (Group	Dr. M. K. Sinha, Director

		'A') NWA, Pune 31 <sup>st</sup> May, 2016	
10.	Specialized Materials and Methods from the Point of view of Dam Safety	28th Induction Training Program for directly appointed officers of Central Water Engineering (Group 'A') NWA, Pune 31 <sup>st</sup> May, 2016	Dr. M. K. Sinha, Director

## 6. PARTICIPATION IN MEETINGS

### 6.1 Technical Committee Meetings: (01 No.)

Sl. No.	Name of Committee	Date and Venue	Participant(s)
1.	Committee of Review National Water Framework Law, Draft River Basin Management Bill and Model Bill of Groundwater under the chairmanship of Dr. Mihir Shah, Former Member, Planning Commission	13.05.2016 New Delhi	Dr. M. K. Sinha, Director

### 6.2 Other Meetings: (4 Nos.)

Sl. No.	Name of Committee	Date and Venue	Participant(s)
1.	Meeting regarding Organizational Review of CWPRS being carried out by IIT Bombay	02.05.2016 New Delhi	Dr. M. K. Sinha, Director
2.	First meeting of CWPRS Centenary Celebration Organizing Committee headed by Special Secretary, WR, RD & GR	02.05.2016 New Delhi	Dr. M. K. Sinha, Director
3.	Meeting regarding monitoring of press for filling up of vacancies for persons with Disabilities	13.05.2016 New Delhi	Dr. M. K. Sinha, Director
4.	Meeting regarding Ratle HEP (850MW), J&K	19.05.2016 New Delhi	Dr. M. K. Sinha, Director

## 7. TRAINING OF PERSONNEL - (3 Trainings and 4 Personnel)

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	ISRO Sponsored NNRMS Course in the domain RS & GIS Coastal and Ocean Sciences	Dehradun 02-24 May 2016	Shri Santosh Kumar Kori, ARO
2.	Coast & Marine - Introduction to hydrodynamic modeling, capabilities of MIKE21 and MIKE3 HD	New Delhi 02-06 May 2016	Shri Uday Baburao Patil, Sci-B Shri M. Karthikeyan, RA

3.	River Basin Planning using HEC Software	NHP at IIT Roorkee 16-20 May 2016	Shri B. Raghuram Singh, Sci-B
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**8. IMPORTANT VISITORS: (4 Nos.)**

Sl. No.	Name & Designation	Organization / Constituency	Date of Visit	Purpose
1.	Mr. Fredsoe, Professor & Dr. Dhananjay Pandit, Director	DHI	10.05.2016	CWPRS visit regarding Kosi Model
2.	Shri A. K. Goel, Chief Engineer, Shri V. K. Rawal, Asst. Project Engg and Shri Debashish Verma, Project Hydraulic Engineer, work circle -9		17.05.2016	Visited CWPRS, Yamuna river model regarding overview of the model work.
3.	Shri Lokesh Kumar Sharma, CE, Level -1, Shri P. K. Chamoli, Consultant to PWD		18-19 May 2016	CWPRS visit regarding ongoing studies 'Flood Estimation for Alaknanda at Govindghat
4.	Chief Engineer	KBJNL, Dam Zone, Almatti, Karnataka	23.05.2016	CWPRS Visit

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

Sl. No.	Name of Person	Designation	Division	Date
<b>New Entrants</b>				
1.	Shri Jamir Shabbir Bagwan	Sci - B	PH	23.05.2016
2.	Shri Ram Damodar Panchal	C'man'D'	PH	30.05.2016
<b>Promotions</b>				
1.	Shri A. B. Bhegde	LDC	EE (C)	16.05.2016
2.	Shri U. M. Shinde	C'man'A'	Mech. Workshop	06.05.2016
3.	Shri J. N. Chatur	C'man'A'	Mech. Workshop	06.05.2016
4.	Shri N. P. Sambhudas	D'man Gr. I	SED	26.05.2016
5.	Shri V. R. Vedpathak	Head D'man	MMCE-II	27.05.2016
<b>Retirement</b>				
1.	Shri P. B. Rayawagol	AO	Admin	31.05.2016



2.	Smt R. B. Chakroborty	Superintendent	EE (Civil)	31.05.2016
3.	Shri I. I. Powale	RO (ISS)	HMET	31.05.2016
4.	Shri S. B. Dhavale	Head Draftsman	TC	31.05.2016
5.	Shri S. K. Kadam	C'man'A'	Mech. Workshop	31.05.2016
6.	Shri T. K. Chabukswar	C'man'B'	Mech. Workshop	31.05.2016
7.	Shri C. B. Jawalkar	C'man'C'	EE (Civil)	31.05.2016
8.	Shri M. B. Bhor	LA-I	SED	31.05.2016
9.	Shri N. W. Bhalerao	MTS	Workshop	31.05.2016
10.	Shri D. D. Gadade	MTS	Electrical	31.05.2016
11.	Shri D. T. Shelar	MTS	SWH	31.05.2016
12.	Shri H. G. Khandale	RA	EE (Civil)	31.05.2016
<b>Repatriation/Transfer</b>				
	NIL			
<b>Resignation</b>				
	NIL			

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

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	Discussions in the Office of the Vice President of India regarding inauguration of Centenary Celebration of CWPRS and International Seminar under National Hydrology Project	New Delhi 20 <sup>th</sup> May 2016	Dr. M. K. Sinha, Director