

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

Issue No.: 11

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CWPRS MONTHLY INFORMATION BULLETIN

1. ESTIMATES	
1.1 Submitted	03
1.2 Awarded	05
2. REPORTS SUBMITTED	06
3. RESEARCH PAPERS	
3.1 Submitted	06
3.2 Published	07
4. PARTICIPATION IN SEMINARS/ SYMPOSIA/ CONFERENCES	07
5. LECTURES DELIVERED	07
6. PARTICIPATION IN MEETINGS	
6.1 Technical Committees	08
6.2 Other Committees	08
7. TRAINING OF PERSONNELS	08
8. IMPORTANT VISITORS	09
9. NEW APPOINTMENTS / PROMOTIONS / RETIREMENTS	09
10. TRAINING PROGRAMMES ORGANIZED	10
11. OTHER INFORMATION	10

Summary Information For 2009-2017

Years	Jobs Awarded		Reports Submitted	Papers Published	Participation in Seminars/ Symposia/ Conferences	Lectures Delivered	Technical Committee Meetings	Training of Personnel	Training Programmes/ Conferences Organized
	Nos.	Amount (Rs.)							
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
2016-17	111	25,90,34,704	95	90	114	97	23	315	17

STUDIES AWARDED**FOR CURRENT YEAR 2017-2018**

Till Oct -17	85	17,93,71,795	54	20	10	09	23	603	11
During November -17	11	3,93,92,115	07	02	02	05	05	22	02
Total	96	21,87,63,910	61	22	12	14	28	625	13

Estimate submitted to Client but yet to be awarded

November 2017	27	3,77,84,030	-	-	-	-	-	-	-
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1. ESTIMATES

1.1 Submitted: (27 Nos. totaling to Rs. 3,77,84,030/-)

Sl. No.	Name of Work	Sponsoring Agency	Division	Amount (Rs.)
1	De-Siltation of Reservoir of Kerala State Electricity Board Ltd.	Chief Engineer (Civil-Dam safety (DRIP) Office the Vdyuthi Bhavan, Pattom, Thiruvananthapuram.	Hyd-INST	24,62,740
2	Site visit for inspection of the dam to identify causes of leakage and discussions towards undertaking studies for the rehabilitation of Machchhu-2 dam, Gujarat.	The Chief Engineer & Director Gujarat Engineering Research Institute, Vadodara-390 007 Gujarat.	CT	2,46,430
3	Laboratory studies towards cementitious grout material mix design for controlling seepage through dam body of Dudhganga dam, Maharashtra.	The Superintending Engineer, Kolhapur Irrigation Circle, Sinchan Bhavan, Tarabai Park, Kolhapur-416 003, Maharashtra.	CT	11,64,730
4	Mathematical model studies for hydrodynamics and sedimentation analysis from down stream of proposed conventional type of barrage to the month of sea near Surat ,Gujarat.	The City Engineer, Surat Municipal corporation Surat Mahanagar seva sadan Mugal;isara, Surat-395003, Gujarat.	MMCE-II	14,91,000
5	Site Visit for inspection of the dam and discussions towards undertaking studies for the Rehabilitation of Kutri Feeder dam, Chhatarpur (Dist) Madhya Pradesh.	The Chief Engineer, Water Resource Department Bhasan Ken Basin, Sagar Madhya Pradesh	CT	2,20,640
6	Site visit for inspection of the dam and discussions towards undertaking studies for the Rehabilitation of Gulab Sagar (Mahan) dam, Sidhi (Dist) Madhya Pradesh.	The Chief Engineer, Water Resource Department, Ganga Basin, Huzur Taluk, Rewa district, Madhya Pradesh.486001	CT	1,92,640
7	Site visit for inspection of Penstocks of Pallivasal H.E. Project, Kerala.	The Assistant Executive Engineer, Kerala State Electricity Board Ltd. Office of the Assistant Executive Engineer, Generation Subdivision, Chitrapuram, Dist-Idukki, Pin-685565, Kerala	SMA	2,12,460
8	Mathematical model studies for wave Tranquility for newly Constructed fish Landing Centre in Hut Bay, A & N Island.	Chief Engineer & Administrator, Andaman Lakshadweep Harbour Works Port Blair-744101	PH-II	11,57,060
9	Mathematical model studies for Littoral Drift & Shoreline Changes for newly Constructed fish Landing Centre in Hut Bay, A & N Island.	Chief Engineer & Administrator, Andaman Lakshadweep Harbour Works Port Blair-744101	PH-II	10,01,350
10	Desk & wave flume studies for the design of breakwater for Protection to newly Constructed fish Islanding Centre in Hut Bay, A & N Island.	Chief Engineer & Administrator, Andaman Lakshadweep Harbour Works Port Blair-744101	CHS-II	9,57,380
11	3D Pseudo-dynamic Stress Analysis of one Spillway Block and 2D Dynamic Stress Analysis one Non-overflow Section by Finite Element Method of Arun-3 H.E.P. Nepal for SVJN Limited.	Shri R. K. Abrol, AGM (Design Foreign Projects), Civil Design Department, SJVN Corporate office Complex, Shakti Sadan, Shanan, Shimla (HP)	SMA	23,34,150
12	Mathematical model studies for evolving Flood Protection works on left bank of	Executive Engineer, 19 PH Division, District-Hamirpur, Himachal	RH	15,08,270

	river Beas from village Beri to Palahi in Tehsil Swanpur District, Hamirpur (H.P)	Pradesh		
13	Estimation of site Specific Seismic Design Parameters for Indapur Reservoir Scheme, Bihar, for M/s. Rodic Consultations, Pvt. Ltd., New Delhi-110001.	Alok Kumar Pathak, AVP tunnel & Hydro Division Rodic Consultants Pvt. Ltd. Jaisingh marg (151 floor), YMCA Cultural Central Building, New Delhi-110001 (India).	ES	16,21,540
14	Hydraulic model studies for the new Chapra-Arrah bride across river Ganga, Bihar.	Managing Director BRPNL 7, Sardar Patel Road, Patna Bihar-800015	BE	1,10,74,500
15	Laboratory studies towards cementitious grout material mix design for controlling seepage through dam body of Venna dam, Mahabaleshwar, Maharashtra.	The Executive Engineer, Minor Irrigation Division Opp. Gurudatta colony, Behind Z.P Primary School, Sangamnagar, Satara, 415003, Maharashtra.	CT	9,76,630
16	Laboratory studies towards assessment at Suitability of repair material, surface Coating materials and joint Sealants for repairs and controlling seepage in Venna dam, Mahabaleshwar, Maharashtra.	The Executive Engineer, Minor Irrigation Division Opp. Gurudatta colony, Behind Z.P Primary School, Sangamnagar, Satara, 415003, Maharashtra.	CT	14,64,030
17	Laboratory studies towards cementitious grout material mix design for controlling seepage through dam body of Radhanagari dam, Kolhapur District, Maharashtra.	The Superintending Engineer, Kolhapur Irrigation Circle, Sinchan Bhavan, Tarabhai Park Kolhapur 416003, Maharashtra.	CT	9,76,630
18	Desk and field studies for location and type of intake for NTPC-Railway joint Venue thermal power plant Bihar.	Vijay Kumar Singh, Dy General Manager P & S BRBCL Bihar.	BE	11,56,230
19	Mathematical Model studies for Surge Analysis of rising main of Kirmiri Darur lift irrigation scheme, Gondpipari Taluka, Dist.Chandrapur, Maharashtra.	Executive Engineer, Minor Irrigation Division, Tal:Gondpipari, Dist : Chandrapur	SED	4,75,230
20	Site calibration of fall bore electromagnetic and insertion type flow meters at Shinganapur Head works and Balinga Water works for Kolhapur Municipal Corporation	Hydraulic Engineer, City Water Supply Division Kolhapur Municipal Corporation Shivaji market, 1st Floor, West Side Kolhapur-416002	HMC	5,33,500
21	Cross-hole Seismic Tomography Studies at Radhanagari Dam, Maharashtra.	Superintending Engineer, Office of the Superintending Engineer, Kolhapur Irrigation Circle, Sinchan Bhavan, Tarabai Park, Kolhapur 416003	GP	12,82,32 0
22	Geophysical Investigations at Megholi M. 1 Tank, Maharashtra.	Superintending Engineer, Office of the Superintending Engineer, Kolhapur Irrigation Circle, Sinchan Bhavan, Tarabai Park, Kolhapur 416003	GP	6,10,760
23	Cross-hole seismic Tomography studies at Venna dam, Mahabaleshwar, Maharashtra.	Executive Engineer, Minor Irrigation Division, Opp, Gurudatta Colony Behind ZP School Sangamnagar, Satara 415003, Maharashtra.	GP	6,08,910
24	Estimation of site specific seismic design parameters for Gulf of Khambhat Development Project (Kalpajar project) Gujarat	Superintending Engineer (K), Narmada, Water Resources, Water Supply & Kalpasar Department, Block No 8/7th floor, New Sachivalaya Gandhinagar, Gujarat 382010	ES	12,97,230

25	Analysis and Interpretation of Dam Instrumentation Data for Indira Sagar Dam, Madhya Pradesh for the period Jan-2017 to Dec-2018.	The Chief Engineer (civil), Indira Sagar project NHDC office Complex Narmada Nagar, Dist .Khandwa 450119, Madhya Pradesh.	SMA	19,99,840
26	Determination of in-situ density by Nuclear Borehole Logging for Seepage studies at Venna Lake Dam, Maharashtra.	The Executive Engineer, Minor Irrigation Division, Satara Govt. of Maharashtra Opp. Gurudatta Colony, Behind ZP Primary School, Sangamanagar, Satara, Maharashtra.	Is Hy	4,99,070
27	Site inspection for conducting controlled blast studies at cufte parade Mumbai and review of suggested controlled blasting Methodology for M/s S Kumar Group, Mumbai, Maharashtra.	Shri Siddhi Kumar Infrastructure Pvt. Ltd., A.101/102, Swarup Nagar, Sahar Road, Andheri East, Mumbai 400 099, Maharashtra.	VT	2,58,760

1.2 Awarded: (11 Nos. totaling to Rs. 3,86,32,545/- + 7,59,570/-for calibration works 07 Nos.)

Sl. No.	Name of Work	Sponsoring Agency	Division	Amount (Rs.)
1.	Organizing a training course on "Coastal Erosion & Protection Methods" for Harbour Engineering Department Govt. of Maharashtra at CWPRS Pune	Harbour Engineer, Harbour Engineer Division (North) Kokan Bhavan, Navi Mumbai - 400615	CHS	3,56,040
2.	Mathematical Model for evolving suitable flood protection to different rivers and khads in Dharampur block tehsil, Sarkaghat Dist. Mandi, HP	The Executive Engineer, Irrigation and PH Division, Dharampur Block, Tehsil, Sakarghat, District Mandi, Himachal Pradesh - 175 024	RH	29,90,970
3.	Mathematical Model Studies for Hydronamics and Siltation for the development of Jetties at Kalingapatnam Bheemunipatnam, Kakinada and Mypodu, in A. P. for APTDC.	The Managing Director, Andhra Pradesh Tourism, Development Corporation Limited, Opp. Sub Collector Office, M. G. Road Vijayawada 520002, Andhra Pradesh.	MMCE	44,52,965
4.	Mathematical Model Studies for Assessment of Wave Tranquility and Shoreline Changes for the development of Passenger Jetties at Kalingapatnam, Bheemunipatnam, Kakinada and Mypudu along the Coast at Andhra Pradesh.	The Managing Director, Andhra Pradesh Tourism, Development Corporation Limited, Opp. Sub Collector Office, M. G. Road Vijayawada 520002, Andhra Pradesh.	MMCE	47,30,460
5.	Desk and Wave Flume Studies for the design of Breakwater for the development of Jetties under Sagarmala Scheme at Kalingapatnam, Beemunipatnam, Kakinada and Mypadu in Andhra Pradesh.	The Managing Director, Andhra Pradesh Tourism, Development Corporation Limited, Opp. Sub Collector Office, M. G. Road Vijayawada 520002, Andhra Pradesh.	CHS	27,42,740
6.	Shoreline changes along the Coast line of Mumbai and Sediment movement Pattern due to dumping of dredge material at Site DS3, Mumbai using remote Sensing techniques, for M/s JNPT.	S. V. Madabhavi chief Manager (PPSD) Jawaharlal Nehru Port Trust Administrative Building Sheva, Navi Mumbai-400707	RSA	15,16,860

7.	Hydraulic model studies for proposed Delhi-Gaziabad-Meerut corridor of RRTS bridge across river Yamuna on the Upstream of NOIDA bridge at New Delhi	Shri R. K. Hustoo Chief Project Manager/DM National Capital Region Transport Corporation 7/6, ADA Building, Siri Fort Institutional Area August Kranti Marg, New Delhi-110049	RH	26,65,010
8.	Mathematical model studies to Predict dispersion of different oil Spill Scenarios under different wind and wave Conditions for M/s Mormugao, Port Trust, Goa.	Shri D. D Ambe, Executive Engineer Administrative office Head Land Sada, Mormugao Port Trust, Goa-403804	PH-I	11,19,590
9.	Mathematical model studies for the bank protection works on right bank of River Tapi at Baudhan Pipariya & Vareil	Executive Engineer, Drainage Division No.2 opp. Chopati, Nr. MTB College, Athwalines Surat-39501, Gujarat	RH	7,56,220
10.	Mathematical model studies for surge Analysis of Tembhu lift irrigation Scheme Stage-V, Taluka:Karad, Dist. Satara, Maharashtra.	Executive Engineer Water Resources Department Tambhu Lift irrigation Project DN. No.1 Sangli, Maharashtra.	SEP	4,44,290
11.	Hydraulic model studies for Additional Spillway of Hirakad dam, Odisha. 1:120 scale 3-D Comprehensive model.	Shri Haramohan Pradhan Chief Engineer and Basin Manager Hirakad dam Circle, Buria-768017, Odisha	SED	1,68,57,400

2. REPORTS SUBMITTED: (07 Nos.)

S. No.	Title	Report No	Month/Year
1.	Consultancy service for providing certain grouting from Chainage 5100 to 5330m on upstream side of Dy ke No.1, Hidkal Dam, Karnataka.	5538	11/2017
2.	Hydraulic model studies Revised Design of Jigaon Dam Spillway Maharashtra, 1:00 scale 3-D Comprehensive model.	5539	11/2017
3.	Desk and wave flume studies for design of breakwaters for the development of fishery harbour at Madhwad Gujarat.	5540	11/2017
4.	Desk and wave flume studies for the design of groynes and protection bound for arresting the sand deposition for M/s Petronet LNG Terminal for Cochin Port Trust, Kerala.	5541	11/2017
5.	Dam break and flood routing studies for Kamhar dam project in Sambhadra District, U.P.	5542	11/2017
6.	Desk studies for estimation of design discharges of Alakananda river of Govind ghat Dist- Chamoli, Uttarkhand	5543	11/2017
7.	Mathematical Model Studies for wave Tranquility for development of Fisheries harbour at Manjeshwar, Kerala.	5544	11/2017

3. RESEARCH PAPERS

3.1 Submitted - (06 Nos.)

1. Paper Titled "Application of well logging and tracer techniques in assessing the health of hydraulic structure by G.A. Panvalkar, Dr. Rolland Andrade, N.V. Deshpande for possible publication in International Dam Safety Conference 2018 at Thiruvantapuram.
2. Paper Titled "Necessity and various alternative methods to upgrade the existing dams " by Mrs. V.P. Gadhe, Dr. M.R. Bhajantri, Dr. (Mrs) V.V. Bhosekhar for possible publication in International Dam Safety Conference 2018 at Thiruvantapuram.

3. Paper Titled "Glacier lake outburst flood (GLOF) and its impact on safety and design aspects of Himalayan dams" by Dr. M.R.Bhajantri, Dr. (Mrs) V.V.Bhosekar for possible publication in International Dam Safety Conference 2018 at Thiruvantapuram.
4. Paper Titled "Numerical model studies to assess wave energy potential along, Ratnagiri coast, South Maharashtra, India by K.H. Barve, and L. R.Ranganath for possible publication in Second Indo-Australian Marine Renewable Energy Workshop at Chennai.
5. Paper Titled "Design response spectral shape in seismic safety analysis of dams" by Dr. G.D. Naidu, S. Selvan, Dr. Suman Sinha, Dr. Chaman Singh, Sachin Khupat, D.K. Awasthi for possible publication in International Dam Safety Conference 2018 at Thiruvantapuram.
6. Paper Titled "The potential of borehole geophysical logging and tracer techniques in dam seepage investigations" by G.A. Panvalkar, N.V. Deshpande for possible publication in Master builder Magazine at Bangalore

3.2 Published: (02 Nos.)

1. Paper Titled "Remote sensing and GIS tool-An aid in site delineation for hydrological structure(s)" by Dr. Rolland Andrade published in International Journal of Advanced Information Science and Technology (IJAIST) ISN: 2319:2682-Vol.6, No.8. November , 2017.
2. Paper Titled "Mapping Aquifer Bifurcation through Integrated Geographical and Tracer studies in a Granite Terrain" by Dr. Rolland Andrade published in Geography, Geo Sciences, Environmental Science & Disaster Management, Volume 17, Issue 3, Version 1.0, ISSN:2249-460X, November, 2017.

4. PARTICIPATION IN SEMINARS/ SYMPOSIA/ CONFERENCES/ - (1 event, 02 participants)

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	Official Language Conference	Assam administrative staff college Guwahati Assam. 7 th November, 2017	Shri Ugarsen S Singh, Sr.Hindi translator Mrs.Uma Gangadharan, Jr.Hindi translator

5. LECTURES DELIVERED - (5 events, 05 participants)

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	Geophysicists/Geologists of GSDA	MEETRA, Nasik 01-03, November, 2017	Shri Ch. Subba Rao, Sci-B
2.	Sangh ki Rajabhasha nithi yeva karyanavay	NWA, Pune 6 th November, 2017	Dr. G.R. Tripathi, Sci-D
3.	Broad Design aspects of Barrage, Weir and Canal	NWA, Pune 10 th November, 2017	Mrs. Neena Isaac , Sci-D
4.	Image Processing and Pattern Recognition Applications with hands-on	COEP, Pune 29 th November, 2017	Shri S. D. Ranade, Sci-D
5.	Design of spillways in Himalayan Region	Marathi Vidhyan Parishad, Pune 17 th November, 2017	Dr. (Mrs).Prajakta Gadge, Sci-B

6. PARTICIPATION IN MEETINGS:**6.1 Technical Committee Meetings: (05 Nos.)**

Sl. No.	Name of Committee	Place and Date	Participant(s)
1.	Attended meeting for signing of MoA with Engineers India Limited (EIL)	New Delhi, 14 th November, 2017	Dr. (Mrs) V.V. Bhosekar ,Director Shri T. Nagendra, Sci-E Dr. Prabhat Chandra, Sci-D
2.	Attended DCC meeting regarding Termination of probation and confirmation of Sci-B	New Delhi, 15 th November, 2017	Dr. (Mrs) V.V. Bhosekar ,Director Shri T. Nagendra, Sci-E
3.	Attended the first meeting of National Level Steering Committee (NLSC) of NHP	New Delhi, 27 th - 29 th November, 2017	Dr. (Mrs) V.V. Bhosekar , Director Shri R. S. Jagtap, Joint Director
4.	Attended Governing Council meeting of CSMRS, New Delhi	New Delhi 27 th November, 2017	Dr. (Mrs) V.V. Bhosekar ,Director
5.	Attended Governing Council meeting of CWPRS, Pune	New Delhi 29 th November, 2017	Dr. (Mrs) V.V. Bhosekar ,Director Shri T. Nagendra, Sci-E Dr. Prabhat Chandra, Sci-D Shri B. Suresh Kumar, Sci-C Dr (Mrs.) Prajakta Gadge, Sci-B

6.2 Other Meetings: NIL**7. TRAINING OF PERSONNEL - (08 Trainings and 22 Personnel)**

Sl. No.	Title	Event, Place, Date	Name of Officer
1.	Quality control & quality assurance in civil engineering structures	MNIT, Jaipur 02-06 , November 2017	Dr. Sarbjeet Singh, Sci-B Shri Jai Prakash Meena , RA
2.	Income Tax Rules, Calculation of E-Filing	Regional Training Centre, INGAF 09-10 November, 2017	Shri. D. B. Kulkarni, Supdt. Shri. D. B. Dhere, UDC Shri. G. J. Bhawsar, UDC
3.	Basics of Hydrology	NIM, Roorkee 13-24 November, 2017	Shri Vinesh Katte, Sci-B
4.	Noting and Drafting & Record Management	Regional Training Centre, INGAF 16-17 November, 2017	Smt. P. V. Deshpande, UDC Smt. R. B. Tondare, UDC
5.	MIKE 21 flow model HD FM 2D Hydrodynamic modeling using flexible.	DHI Delhi 15-17 November, 2017	Dr. R. Manivanan, Sci-B Shri V. B. Sharma, Sci-B Shri V. K. Shukla, Sci-B Shri A. K. Singh, Sci-B Shri B. Krishna, Sci-B Shri Vaibhav Konde, RA Shri Naval S. Jagtap, RA Shri Vijay D. Kokane, RA
6.	Sediment Management for Hydro Power Projects in Himalayan Region	CWPRS, Pune 23-24 November, 2017	Ms. Snehal A. Shinde, RA Shri Sarvesh D. Pingale, RA
7.	Leave Rules & Maintenance of Services Books	Regional Centre, INGAF 27-28 November, 2017	Shri B. D. Bhalerao, UDC Shri Sumit, LDC

8.	Office Procedures, Establishment and Administration Manuals	Regional Training Centre, INGAF 29-30 November, 2017	Shri N.M .Pol, Supdt.
8.	Water quality assessment and monitoring	NWA,Pune 27-30, November, 2017	Shri Jitesh N. Vyas, Sci-B

8. IMPORTANT VISITORS:

1. Shri Sanjay Parashar, AGM and Shri Vishal Kulkarni, Architect & Planner from M/s Valuable Properties visited CWPRS on 23.11.2017.
2. Shri V. Ramesh, Superdenting Engineer and Shri Vijaya Bhaskar Reddy, Ex. Engineer from Palamuru Irrigation Circle visited CWPRS on 27.11.2017.

9. NEW APPOINTMENTS, PROMOTIONS & RETIREMENTS

Sl. No.	Name of Person	Designation	Group	Division	Date
New Entrants					
	NIL				
Promotions					
	NIL				
Retirement					
1.	Reghunadhan K.K.	Admin Officer	B	Admin	30.11.2017
Voluntary Retirement					
	Nil				
Repatriation/Transfer					
	Nil				
Resignation					
	Nil				
Demises					
	Nil				

10. TRAINING PROGRAMMES/ CONFERENCES ORGANIZED: (02 Nos.)

1. Training course on “Long Hydrographic Course for officers from National Institute of Hydrography, Goa” during 13-17, November, 2017.



2. Training Course on “Sediment Management for Hydro Power Projects in Himalayan Region” during 23-24, November, 2017.

**10. OTHER INFORMATION:**

1. Memorandum of Agreement (MoA) between CWPRS and PSU giant Engineers, India Limited (EIL) at New Delhi for conducting studies particularly was executed in November 14th, 2017 at New Delhi. CWPRS and EIL propose to collaborate in offering consultancy services including studies, assignments and research in the coastal and offshore engineering sector in India and abroad.
2. ISO 9001:2015 certification was awarded to CWPRS on 20th November, 2017.
3. 25th meeting of Governing Council of CWPRS was held at Shram Shakti Bhawan, New Delhi on 29th November 2017 under the chairmanship of Dr. Amarjit Singh, then Secretary, MoWR, RD&GR.
4. CWPRS Technical Memorandum on “Hydraulic Design of Orifice Spillways ” was unveiled by Dr. Amarjit Singh, then Secretary MoWR, RD&GR during Governing Council Meeting on 29th November, 2017.