

## TECHNICAL REPORT 2019-2020

Sl. No.	Title	Report No.	Month/Year
<b>April- 2019</b>			
1.	Performance Testing of Sample submersible pump set for Irrigation Department, Uttar Pradesh, Lucknow, 226001	5689	04/2019
2.	7.5 Hp Solar Water Pumps Test for PSEPL, Pune	5690	04/2019
3.	Performance test on 115 MW Turbine Unit (NO.6) at Salal Power Station of National Hydro Power Corporation (NHPC) Jammu & Kashmir	5691	04/2019
4.	Study of shoreline changes at Vasco Bay, Goa	5692	04/2019
5.	MMS for Hydrodynamics and Siltation in the mini fishing harbour at Puthiyangadi, Kerala	5693	04/2019
6.	Hydraulic Model Studies for aerator of Modified extended Ski-Jump Bucket Spillway of Subansiri Lower H.E. Project, Arunachal Pradesh 1:25 Scale 2:D Sectional model	5694	04/2019
7.	Hydraulic Model Studies for Surface Spillway of Pakal Dul Project 1:40 Scale 2D Sectional model	5695	04/2019
8.	Estimation of In-Situ Physical Properties of Mass Concrete in Spillway Blocks, Hirakud Dam, Odisha	5696	04/2019
9.	Estimation of Site Specific Seismic Design Parameters for Gargai Dam Project, Palghar, Maharashtra	5697	04/2019
<b>May- 2019</b>			
10.	Strom Water Drainage Studies for Dungi Pargaon Dapoli Ohvale and Bhargarpada Village near NMIA, Navi Mumbai	5698	05/2019
11.	Analysis and Interpretation data for period January 2018 to December 2018 to December 2018 for Block No. 25 Indira Sagar Dam, MP	5699	05/2019
12.	Estimation of site Specific Seismic Design Parameters for Damanganga (Vagh/Val)- Vaitarna (upeer Vaitarna) Godavari (Kadva- Der Nadi) Link Project MH-reg	5700	05/2019
13.	Mathematical Model Studies for Evaluation of Wave climate for the development of Eastern side berthing Facilities at Kadmat Kiltan chetlat and Bitra Island, Lakshadweep	5701	05/2019
14.	Mathematical Model Studies for finalizing the axis of proposed Dugni Barrage in river Sanjay, Jharkhand	5702	05/2019
15.	Desk and Wave Flume Studies for the design of breakwaters for the development of fishery harbour at Pudimadaka, Andhra Pradesh	5703	05/2019
16.	Desk and Wave Flume Studies for the design of breakwaters for the development of fishery harbour at Kothapatnam, Andhra Pradesh	5704	05/2019
17.	Analysis and interpretation of Instrumentation Data of Power House for the period July 2017 to December 2018, Indira Sagar H. E. Project, MP	5705	05/2019
18.	Physical Model Studies for wave tranquillity for the proposed development of coast guard jetty at New Mangalore Port, Karnataka	5706	05/2019
19.	Hydraulic Model studies for modified approach channel of spillway of Polavaram Irrigation Project, Andhra Pradesh, 1:14 D scale 3 D Comprehensive Model	5707	05/2019
20.	Calibration / Validation of open channel Ultrasonic Non-insertion type flow meter in carrier Lined channel and Delhi, Sub - Branch, Delhi Jal Board, Delhi	5708	05/2019

<b>June- 2019</b>			
21.	Determination soil properties and assessing suitability of soil for hearting zone of proposed earthen dam for Lower Tapi project, Jalgaon, Maharashtra	5709	06/2019
22.	Mathematical model studies for locating the Dumping Ground nearby areas for disposal of dredged material from River Hooghly, West Bengal	5710	06/2019
23.	Mathematical model studies for evolving flood protection / anti erosion measures along river Sirsa and others tributaries in Nalagarh, Himachal Pradesh	5711	06/2019
24.	Estimation of site- Specific Seismic design parameters for Damanganga (Ekdare) - Godavari Valley Link Project an intra-state Link of Maharashtra	5712	06/2019
25.	Measurement of Vibration at dam structure and unit No.3 of power house of Kadana hydro Electric Project, Gujarat	5713	06/2019
26.	Mathematical model studies for evolving flood protection measures and anti-erosion works along Palhori Khala tributary of River Yamuna, Paonta Sahib, Himachal Pradesh	5714	06/2019
27.	Desk and wave flume studies for the design of breakwater for the development of fishery harbour at Budagatlapalem, Andhra Pradesh	5715	06/2019
28.	Geophysical Investigations at Megholi, M. I. Tank, Maharashtra	5716	06/2019
29.	Revised mathematical model studies with newly surveyed data for evolving flood protection/ anti-erosion measures for Sakrain, Malhod, Thottu, Samoad, Dol Khads and their tributaries in tehsil Dharampur, Dist. Mandi, Himachal Pradesh	5717	06/2019
<b>July- 2019</b>			
30.	Mathematical model studies for surge analysis of awarde lift irrigation scheme, Taluka Patan, Dist. Satara, Maharashtra	5718	07/2019
31.	Mathematical model studies of wave tranquility for extension of existing India Coast Guard (ICG) jetty at Porbandar, Gujrat	5719	07/2019
32.	Mathematical model studies for assessing flow conditions in Sand Nalla in the vicinity of Mouda STPP of NTPC, Maharashtra	5720	07/2019
33.	Mathematical model studies for Hydrodynamics and siltation near LNG jetty for LNG petronet Ltd. at Dahej, Gujarat	5721	07/2019
34.	Estimate of site specific seismic Design parameters for dhauliganga Intermediate Project, Uttarkhand	5722	07/2019
35.	Mathematical model studies for Hydrodynamics and sedimentation analysis from downstream of proposed conventional type of barrage to the mouth of sea near, Surat, Gujarat	5723	07/2019
36.	Storm Water Drainage study for Navi Mumbai International Airport (NMIA) Navi Mumbai	5724	07/2019
37.	3D Mathematical model studies for Dispersion of warm water discharge from proposed nuclear power park at Kudankulam, Tamilnadu	5725	07/2019
38.	Mathematical and Desk Studies for River Training and Bank Protection Works in the vicinity of Narmada Main Canal and Banas River crossing, Totana Village, Gujarat	5726	07/2019
<b>August - 2019</b>			
39.	Desk and wave flume studies for developing a safe & economical design for the toe-bern of breakwater cross-sections for SWAN LNG Project at Jafrabad, Gujarat	5727	08/2019
40.	Hydraulic model studies for proposed MRTS Bridge across river Yamuna between Vazirabad barrage and Signature Bridge at New Delhi	5728	08/2019
41.	Estimate of Site-Specific seismic Design Parameters for Sharavathy Pumped Storage Project (2000 MW), Karnataka	5729	08/2019

42.	Assessment study for Division of River Sukri Passing Through Tubed Coal Block Near Latehar, Jharkhand	5730	08/2019
43.	Performance Testing of River Surveyor, Side Looking Acoustic Sensor and Flow Tracker for Tungabhadra Board, Karnataka	5731	08/2019
44.	Determination of dynamic engg. Properties by resonance test of Rock samples for soil investigations for main building of KKNPP units 5&6	5732	08/2019
45.	Micro earthquake studies at and around Ujh Multipurpose Hydroelectric Project Jammu & Kashmir	5733	08/2019
46.	Analysis and Interpretation of Dam Instrumentation Data for the period January 2018 to December 2018 for Spillway Block 13, Indira Sagar Dam, M. P.	5734	08/2019
47.	Mathematical model studies for evolving flood protection / anti - erosion measures along different khads under Jaswan Pragpur Constituency, Himachal Pradesh	5735	08/2019
<b>September - 2019</b>			
48.	Desk and wave flume studies for the design of offshore reefs cross-sections for sustainable coastal protection at Someshwar, Mangalore, Karnataka	5736	09/2019
49.	Desk Study for undertaking Analysis of Prototype Data on Beach Profiles at Project Varsha	5737	09/2019
50.	Mathematical model studies for the assessment of wave tranquility and shoreline changes for the development of passenger jetty at Kalingapatnam, Bheemunipatnam, Kakinada and Mypadu in Andhra Pradesh for APTDC	5738	09/2019
<b>October - 2019</b>			
51.	Dam Break analysis and inputs for Emergency Action Plan for Gandhamalla Reservoir, near Gandhamalla Village Yadadri, Telangana	5739	10/2019
52.	Mathematical model studies for wave tranquillity for fish landing center at Bhatodi and Uttan Patan, Thane, Maharashtra	5740	10/2019
53.	Hydraulic model studies for spillway of Kwar H. E. Projects Jammu and Kashmir 1:50 scale 2-D Sectional model	5741	10/2019
54.	Mathematical model studies for wave tranquillity to assess the impact of extension of breakwater at Kasargod fishery harbour, Kerala	5742	10/2019
55.	Hydraulic model studies for Revised Design of Additional Spillway of Hirakud Dam, Odisha 1:40 scale 2-D Sectional model	5743	10/2019
<b>November - 2019</b>			
56.	Mathematical model studies to Assess the Impact of Deepening at NMPT, New Mangalore	5744	11/2019
57.	Geotechnical Studies for Seepage and Stability Analysis of Kumari Side of Mukutmanipur Dam, Dist Bankura, West Bengal	5745	11/2019
58.	Hydraulic model studies for spillway studies of Arun - 3 H.E project Nepal, 1:50 scale 2-D sectional model	5746	11/2019
59.	Mathematical model studies for assessing flow parameters for Inland waterway in river Yamuna from Delhi to Allahabad	5747	11/2019
60.	3D Stress Analysis by finite Element Method for one Spillway Block of Hirakud Dam, Sambalpur, Odisha	5748	11/2019
61.	Vetting of hydrology and Hydraulics studies for the proposed Aji River Development Project (ARDP) at Rajkot, Gujarat	5749	11/2019
62.	Mathematical model studies for estimation of littoral drift distribution and shoreline changes due to extension of breakwater at Kasargod fishery, Harbour, Kerala	5750	11/2019
63.	Analysis and International of Micro earthquake data for Sawalkate Hydro Electric Project, Jammu & Kashmir	5751	11/2019

64.	Surge analysis for using rising mains of water supply project of Pakaran Villages, Rajasthan Through M/s Mahaveer Infra engineering Pvt. Ltd.	5752	11/2019
65.	Desk and wave flume studies for the design of breakwater using tetrapods armour units for the development of outer harbour at Paradip Port	5753	11/2019
66.	Geotechnical studies for seepage and stability analysis of Kangsabati side of Mukutmanipur dam, Dist Bankura, West Bengal	5754	11/2019
67.	Determination of In-situ density by Nuclear Borehole logging at Massanjore Dam, West Bengal for WAPCOS	5755	11/2019
68.	Mathematical model studies with revised return period floods for evolving flood protection measures to Buhal Khad and Manjuhi Khad and Jawali, Distt. Kangra, Himachal Pradesh	5756	11/2019
69.	Studies determining in-situ strength parameters for Massanjore dam in West Bengal for WAPCOS Ltd. D-7428/ GE-I/ D July 2019	5757	11/2019
<b>December - 2019</b>			
70.	Desk and Mathematical Model studies for ship mooring analysis for development of proposed berth no 17 at New Mangalore Port, Mangalore, Karnataka	5758	12/2019
71.	Wave tranquility studies for extension of berth nos. 8 and of at Mormugao Port Goa	5759	12/2019
72.	Hydrographic Survey (Depth profile) near Left bank Spillway and Proposed additional Spillway of Hirakud Dam, Odisha	5760	12/2019
73.	Revised Mathematical model studies with different return period flood for evolving flood protection measures along river swan and its tributaries Joining Beas Basin, Himachal Pradesh	5761	12/2019
<b>January - 2020</b>			
74.	Desk studies for the design of coastal protection work at Devbagh, Uttara Kannada Dist, Karnataka.	5762	01/2020
75.	Desk and wave flume studies for the design of breakwater using accropode II armour units for the development of outer harbour at Paradip Port, Odisha	5763	01/2020
76.	Performance testing of sample submersible pump sets for irrigation department Uttarpradesh, Lucknow, 2018-2019	5764	01/2020
77.	Mathematical model studies to assess hydrodynamics and sedimentation due to extension of breakwater at Kasargod fishery harbor, Kerala	5765	01/2020
78.	Desk and wave flume studies for the design of breakwater in the 2 <sup>nd</sup> phase development of outer harbour at Maravanthe in Udupi District, Karnataka	5766	01/2020
79.	Desk studies for the design of coastal protection at Topalkerii Honnavar Taluk Utara Kannada, Udipi, Karnataka.	5767	01/2020
80.	Resonance frequency test as per ASTM C 215-02 per rock samples from M/S Furgo Geotech Pvt. Ltd., Navi Mumbai, Maharashtra	5768	01/2020
81.	Hydraulic model studies for production and restoration of Eastern Kosi embankment and spurs from chain age 78 to 84 km downstream of Kosi Barrage, Bihar	5769	01/2020
82.	Geotechnical studies for determination of safe dredging slopes in Megha drigedda channel upstream of ship building center, Visakhapatnam	5770	01/2020
83.	Mathematical model studies for shoreline changes for proposed development of second phase of outer Harbour at Maravanthe, Byndoor Taluka, Udupi Dist., Karnataka	5771	01/2020
84.	Mathematical model studies for wave tranquillity for proposed Development second phase of outer Harbour at Maravanthe, Byndoor Taluka, Udupi Dist., Karnataka	5772	01/2020

85.	Revised mathematical model studies for flood protection works Suketi khad and its tributaries, HP	5773	01/2020
86.	Hydraulic model studies for design of spillway of Arun-3 dam spillway, Nepal, 1:50 scale 2D sectional model	5774	01/2020
87.	Mathematical model studies for evolving flood protection measures along Baspa District, Kinnaur, HP	5775	01/2020
88.	Inspection and test of permeability for providing the remedial measures to stop the seepage at Songaon Shivni Dam, Dist. Amravati, Maharashtra.	5776	01/2020
<b>February - 2020</b>			
89.	Mathematical Model studies for shoreline changes due to development of passenger water Terminal at Kashid in Raigad of Maharashtra	5777	02/2020
90.	Mathematical Model Studies for providing food protection measures to seer Khad from Village Talwara to Balghar in Tehsil Ghumarwin / Thandutto Dist Bilaspur, Himachal Pradesh	5778	02/2020
91.	Mathematical model studies to assess the effect of deepening for Naval facility at Visakhapatnam on Hydrodynamics and Morphological behavior of streams	5779	02/2020
92.	Geotechnical seepage studies for earth dam of Kurha Vadhoda, Islampur Sinchan Yojana, Maharashtra.	5780	02/2020
93.	Physical hydraulic model studies for the construction of proposed boat landing jetty at Nhava end for Jawaharlal Nehru Port, Mumbai, Maharashtra.	5781	02/2020
94.	Desk and wave flume studies for the design of breakwaters training bunds for the development of fishery harbor at Hangarakette- Kodibengre	5782	02/2020
95.	Storm water, Drainage studies for Dungi Pargaon, Dapoli, Khalche, Ohvale and Bhangrapada, Near NMIA, Navi Mumbai	5783	02/2020
96.	Desk and wave flume studies for the restoration of the damaged breakwater at Kalpeni Island, lakshadweep	5784	02/2020
97.	Physical model studies for wave tranquillity for fishing harbor at Mopla bay, Kerala	5785	02/2020
98.	Hydrographic survey and land survey of shetrunji Reservoir at Palitana Taluka, Bhavnagar Dist, Gujarat using Integrated bathymetry system	5786	02/2020
99.	Additional studies for wave propagation for development of port at Honnavar, Karnataka	5787	02/2020
100.	Desk and wave flume studies for the design of breakwater for development of fisheries harbor at Sutrapada, Gujarat	5788	02/2020
101.	Mathematical model studies for wave hindcasting and storm surge analysis at Porbandar and Okha , Gujarat	5789	02/2020
<b>March - 2020</b>			
102.	Desk studies for the protection of extreme wave conditions for permanent restoration of the damaged breakwater at Kalpeni Island for ALHW, Kavaratti, Lakshadweep	5790	03/2020
103.	Navigational risk studies for Birla copper jetty at Dahej Port, Gujarat	5791	03/2020
104.	MMS to assess the effect of constructions of new jetty on siltation pattern in the surrounding area for DHIL Ltd., at Dahej, Gujarat	5792	03/2020
105.	3-D stress analysis of non-overflow Block No.9 by FEM, Massanjore Dam, West Bengal	5793	03/2020
106.	MMS for wave tranquility for proposed development of infrastructure at Mazgaon Dock shipbuilders Ltd., Nhava Yard Mumbai, Maharashtra	5794	03/2020
107.	MMS for the development of floating storage and re-gasification unit (FSRU) for Mumbai Port	5795	03/2020
108.	Mathematical model studies for the development of fish landing centre of Hangarkatta Udupi, Karnataka	5796	03/2020

109.	Mathematical model studies for shoreline changes due to second stage development of Hejamade Kodi breakwater in Udupi District, Karnataka	5797	03/2020
110.	Additional mathematical model studies for tidal hydrodynamics and sedimentation for the development of proposed Honnavar port, Karnataka.	5798	03/2020
111.	MMS to evaluate hydrodynamics and sedimentation due to proposed construction of jetty and approach at Okha Port, Gujarat	5799	03/2020
112.	MMS for the shoreline changes to evolve the suitable coastal protection work near Sasinithulu, Dakshina Kannada Dist, Karnataka	5800	03/2020
113.	Desk studies for the design of proposed bank protection works along the bank of Waldhuni creek at Kalyan in Thane Dist, Maharashtra	5801	03/2020
114.	Studies for the design of coastal protection works at middle ground Island near Naval Dock Yard, Mumbai	5802	03/2020
115.	Laboratory studies for assessing suitable cementitious grout mix design for controlling seepage through dam body Domihira Dam, Palghar, Maharashtra	5803	03/2020
116.	Physical hydraulic model studies for the development of floating storage and regasification unit (FSRU) in Mumbai Harbour	5804	03/2020
117.	MMS for the shoreline changes to evolve the suitable coastal protection work near Hosabettu, Dakshina kannada "Dist, Karnataka	5805	03/2020
118.	Shotcrete mix design for treating damages on upstream face of the dam towards controlling seepage, Temghar Dam Pune, Maharashtra	5806	03/2020
119.	Performance Evaluation of solar powered water pump for M/s Pune Solar Energy Pvt. Ltd., Pune	5807	03/2020