

## TECHNICAL REPORT 2017-18

Sl. No.	Title	Report No	Month/Year
<b>April - 2017</b>			
1.	Desk and wave Flume studies for the design of Coastal Protection works at Thalal Fishery harbour, Kannur, Kerala.	5484	04/ 2017
2.	Revised Design Parameters Through the analysis of Storm Data for at Kundankulam Nuclear Power Plant site at Kundankulam	5485	04/ 2017
3.	Hydraulic Model Studies for activation of Channel (impunt of Sport at 27.88 km to 24.88 km) in river Kosi, Upstream of Kosi barrage, Bihar.	5486	04/ 2017
4.	Estimation of Site specific design parameters of Kankar irrigation Projct U.P.	5487	04/ 2017
5.	Estimation of Site Specific Design Parameters for Rupaligad Regulating dam, India/Nepal for WAPCOS (I) Ltd.	5488	04/ 2017
6.	Mathematical Model Studies for Hydronamics and Siltation for the development of Training Walls/Groynes at the river mouth near Navibandar, Porbandar, Gujarat.	5489	04/ 2017
7.	Revised study of storm surge analysis & storm wave hind casting for the proposed Nuclear Power Plant at Mithi Virdi, Gujarat	5490	04/ 2017
8.	Hydraulic Model Studies for Jiagaon Dam Spillway, Maharashtra, 1:100 scale 3-D comprehensive Model	5491	04/ 2017
<b>May - 2017</b>			
9.	Hydraulic Model Studies for Teasta in Dam Spillway Sikkim 1:60 Scale, 3-D Comprehensive Model.	5492	05/ 2017
10.	3-D Pseudo dynamics and 2-D Dynamic Stress analysis by FEM of one Spillway block of Polavaram Concrete Gravity dam, West Godavari, Andhra Pradesh.	5493	05/ 2017
11.	Mathematical Model Studies for Hydrodynamics and Siltation for modified layout of Proposed berthing facility at Karanja for M/s KTLPL.	5494	05/ 2017
12.	Mathematical Model Studies for Wave Tranquility and Shoreline Evolution for development of fishing harbour at Puthiyangadi, Kerala	5495	05/ 2017
13.	Mathematical model studies for estimation of littoral drift distribution and shoreline changes due to proposed fishery harbour at Juvvaladinne, AP	5496	05/ 2017
14.	Mathematical Model Studies for development of fishery harbour at Alvekodi and Tenginagundi, Karnataka.	5497	05/ 2017
15.	Resonant Frequency tests as per ASTM 215-02 for nine numbers of rock samples for M/s Furgo Geotech Pvt Ltd, Navi Mumbai.	5498	05/ 2017
<b>June - 2017</b>			
16.	Shoreline Stability Studies for sea Coast at ONGC Plant area and Pipelines near Odalarevu Village East Godavari Dt. AP	5499	06/ 2017
17.	Hydraulic Model Studies for the Proposed road bridge across	5500	06/ 2017

	river Yamuna along Faridabad- Noida-Ga-RH Ziabad (ENG) road passing through sector 168 and 167 A Noida.		
18.	Determination of Properties of material for assessing suitability for construction of hearing zone of proposed lower Tapi Earthen dam Jalgaon, Maharashtra.	5501	06/ 2017
19.	Mathematical Model Studies for Surge Analysis of Mhaisal Lift Irrigation Scheme stage 6B, Taluka at, Sanghli, Maharashtra.	5502	06/ 2017
20.	Mathematical Model Studies for Surge Analysis of Mhaisal Lift irrigation Scheme stage 6A, Taluka at, Sanghli, Maharashtra.	5503	06/ 2017
21.	Mathematical Model Studies for Surge analysis of Agalgaon Jakhapur Lift irrigation Scheme Taluka, Kavathe Mahankal, District Sanghli, Maharashtra.	5504	06/ 2017
22.	Hydraulic Model Studies for activation of Control channel downstream of Kosi barrage and natural meandering channel from 4 km downstream of Kosi barrage in River Kosi (Nepal)	5505	06/ 2017
23.	Mathematical Model Studies for Tidal Hydronamics and Siltation aspects for Development of Proposed Fishery Harbour at Juvvaladinne, Andhra Pradesh.	5506	06/ 2017
24.	Hydraulic Model Studies for discharging capacity with full and Partial gate operation of Punatsangchhu-II dam Spillway, Bhutan.	5507	06/ 2017
25.	Hydraulic model studies for activation of Central Channel down stream of Kosi Mahasetu in river Kosi Bihar.	5508	06/ 2017
26.	Desk Studies for design of Coastal Protection works at Chavara, Kollam Dist. Kerala for M/s. Kerala Minerals and Metals Ltd.	5509	06/ 2017
27.	Mathematical Model Studies for Hydrodynamics and Siltation along Kandla Creek for the Proposed oil jetties, Gujarat.	5510	06/ 2017
<b>July - 2017</b>			
28.	Mathematical model studies for Routing of flows in river Narmada from Sardar Sarovar Dam to Bharuch, Gujarat.	5511	07/ 2017
29.	Ship Mooring studies at Mus in Car Nicobar for M/s WAPCOS	5512	07/ 2017
30.	Mathematical model studies for Hydrodynamics and Siltation along Kandla creek, for the proposed Oil Terminal, at Kandla Port, Gujarat.	5513	07/ 2017
31.	Analysis and interpretation of Dam Instrumentation Data for period January 2015 to Dec 2015 for Spillway Block 13, Indira Sagar Dam M.P.	5514	07/ 2017
<b>August - 2017</b>			
32.	Hydrodynamic studies on Integrated Mathematical model for Vishakhapatnam outer harbour, Andhra Pradesh.	5515	08/2017
33.	Desk & wave flume studies for the design of breakwater for development of Fishery harbour at Juvvaldinne, Nellore Andhra Pradesh.	5516	08/2017
34.	Mathematical model studies for surge analysis of Dhumakwadi, Konjewadi and Awarde lift, Irrigation Schemes, Taluka, Patan, Mahankal Satara, Maharashtra.	5517	08/2017
35.	Mathematical model studies for surge analysis of Dhangawadi lift Irrigation Schemes, Taluka Karad, Dist.Satara, Maharashtra.	5518	08/2017
<b>September - 2017</b>			

36.	Temperature Control studies on mass concrete mix M15 A80 for Spillway Blocks of Polavaram Dam, West Godavari, Andhra Pradesh	5519	09/2017
37.	Underwater Seismic Reflection Survey for M/s Mazagaon Dock Shipbuilders Ltd. Mumbai Maharashtra.	5520	08/2017
38.	Geotechnical stability studies and Settlement analysis for proposed Breakwater at 2nd stage Development of Karwar Port, Karnataka.	5521	09/2017
<b>October - 2017</b>			
39.	Mathematical model studies for wave tranquillity for development of fishing harbour at Juvvaladinne in SPSR Nellore district, Andhra Pradesh.	5522	10/2017
40.	Technical consultancy for flow measurement in canal at TVNL, Ranchi, Jharkhand.	5523	10/2017
41.	Performance evolution of Micro-hydro turbine for M/s Anata Mega power systems Pvt. Ltd Nagpur in CWPRS.	5524	10/2017
42.	Desk and wave flume studies for the design at breakwaters for development of fishery Harbour at Navabandar Gujarat.	5525	10/2017
43.	Desk and wave flume studies for the design of breakwaters for the development of fishery harbour at Vodarevu Andhra Pradesh.	5526	10/2017
44.	Desk and wave flume studies for the design of breakwaters for development of fishery harbour at Mangrol Gujarat.	5527	10/2017
45.	Desk and wave flume studies for the design of breakwaters for development of fishery harbour at Uppada Andhra Pradesh.	5528	10/2017
46.	Mathematical model studies for development of fisheries harbour at Mangrol (Phase-II) Gujarat.	5529	10/2017
47.	Desk studies for hydraulic design of pump sump and pipeline optimization on Baidmara weir for Bokaro steel plant, steel Authority of India Ltd, Bokaro.	5530	10/2017
48.	Mathematical model studies for hydrodynamics and Siltation for the proposed development of fishing harbour at Navabandar, Gujarat.	5531	10/2017
49.	Mathematical model studies for wave tranquillity for development of fishing harbour at Navabandar, Gujarat.	5532	10/2017
50.	Desk and flume studies for design of training walls for the development of fishery harbour at Machilipattanam, Andhra Pradesh.	5533	10/2017
51.	Desk and flume studies for design of training walls for the development of fishery harbour at Nizampattanam, Andhra Pradesh.	5534	10/2017
52.	Mathematical model studies for wave tranquillity for development of fisheries harbour at Madhward, Gujarat.	5535	10/2017
53.	Analysis and interpretation of Instruments Data of Power House for the period July 2016 to December 2016, Indira Sagar, H.E. Project. Madhya Pradesh.	5536	10/2017
54.	Dam Break studies and emergency action plan for Shri komaravalli Mallanna Sagar, Siddipet, Telangana.	5537	10/2017
<b>November - 2017</b>			
55.	Consultancy service for providing certain grouting from Chainage 5100 to 5330m on upstream side of Dy ke No.1, Hidkal	5538	11/2017

	Dam, Karnataka.		
56	Hydraulic model studies Revised Design of Jigaon Dam Spillway Maharashtra, 1:00 scale 3-D Comprehensive model.	5539	11/2017
57	Desk and wave flume studies for design of breakwaters for the development of fishery harbour at Madhwad Gujarat.	5540	11/2017
58	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
59	Dam break and flood routing studies for Kamhar dam project in Sambhadra District, U.P.	5542	11/2017
60	Desk studies for estimation of design discharges of Alakananda river of Govind ghat Dist- Chamoli, Uttarkhand	5543	11/2017
61	Mathematical Model Studies for wave Tranquillity for development of Fisheries harbour at Manjeshwar, Kerala.	5544	11/2017
<b>December - 2017</b>			
62.	Morphological studies for River Narmada from Sardar Sarovar dam to Bharuch	5545	12/2017
63	2 D Stress Analysis by FEM of Non overflow Block No.14 of Temghar Dam, Division, Swargate, Pune	5546	12/2017
64	Seismic Tomography studies at Anjunem dam	5547	12/2017
<b>January - 2018</b>			
65	2D Dynamic stress Analysis by FEM of Spillway Block No.4 of Polavaram dam Andhra Pradesh	5548	01/2018
66	Mathematical model studies for wave tranquillity near GMB jetty at Rozi Port, Jamnagar, Gujarat.	5549	01/2018
67	Mathematical Model studies to Assess feasibility of DS-3 Dumping site for the disposal of dredged material due to phase II Deepening and widening of main Navigational channel for JN Port.	5550	01/2018
68	Hydraulic Pump sump model studies of L&T Power for NTPC-Khargone Project through M/s. Wilo Mather and plant pumps Pvt Limited, Pune.	5551	01/2018
69	Mathematical Model Studies for proposed single point mooring facility of southern coast of Maharashtra.	5552	01/2018
70	Hydraulic performance and overload tests on sub mersible pump set of 102m <sup>3</sup> /h and various head capacities for irrigation department Uttar Pradesh-2017	5553	01/2018
71	Laboratory studies for assessing suitability of cement grout mix design for grouting work of Varasgaon Dam, Maharashtra.	5554	01/2018
72	Studies for the design of protection works to the left bank of river Krishna downstream of Hippargi barrage Dist. Bagalkot, Karnataka.	5555	01/2018
73	Desk Studies for the design of coastal protection measures at various sites in Navasari Dist. Gujarat.	5556	01/2018
74	Mathematical Model studies for hydrodynamics and assessment of siltation for development of berths and fisheries harbour in Vasco Bay, Goa.	5557	01/2018

75	Mathematical Model studies for assessment of wave tranquillity for the development of proposed port at Vadhavan, Maharashtra.	5558	01/2018
76	Mathematical Model Studies for shoreline changes for the development of proposed port at Vadhavan, Maharashtra.	5559	01/2018
77	Hydraulic Model Studies for Discharging capacity with partial gate operation for spillway of Polavaram Irrigation Project, Andhra Pradesh 1:50 scale 2-D Sectional Model.	5560	01/2018
78	Studies for Location and Hydraulic Design of intake in the river Damodar for steel plant, Jharkhand	5561	01/2018
<b>February - 2018</b>			
79	Mathematical Model studies for surge analysis of Tembhu Irrigation Scheme, Stage-V	5562	02/2018
80	Re-assement of Geotechnical stability after dredging liquefaction studies for deep water breakwaters at Kakinada Port AP	5563	02/2018
81	2D HMS Sluicing of sediment from reservoir of Kishanganga H.E. Project J&K	5564	02/2018
82	Mathematical Model studies for shoreline changes for long term protection work at Tannir bavi beach Mangalore for ONGC MRPL, Karnataka	5565	02/2018
83	Hydraulic model studies for pump sump on Baidmara weir for Bakaro Steel Plant	5566	02/2018
84	Vibration and Noise measurement for pumps in five pumping stations on Sarvashtra branch canal, Gujarat	5567	02/2018
85	Analysis and Inter-pretations of Dam Instrumentation Data for period Jan-2016 to Dec-2016 for non overflow block-25, Indira Sagar Dam, MP	5568	02/2018
<b>March - 2018</b>			
86	Desk and wave flume studies for the design of restoration for damaged south breakwater at outer harbour Vishakhapatnam port A.P.	5569	03/2018
87	Physical Model studies for wave tranquillity for proposed Jetty for Indian Navy and coast guard at Vasco Bay,Goa	5570	03/2018
88	Analysis and interpretation of seismological data for Indira Sagar project, Madhya Pradesh(Jan-2015 to Dec-2015)	5571	03/2018
89	Estimation of site specific seismic Design Parameters Tlawng Hydro electric project Mizoram.	5572	03/2018
90	Identification of dumping ground location for development of marina facility for M/S Kargwal constructions Pvt. Ltd, Goa	5573	03/2018
91	Mathematical studies for the proposed rail bridge across river Birupa under Salegoan Paradip Rail Connectivity Project of RITES, Odisha	5574	03/2018
92	Desk studies for design of navigational channel for 150000 DWT vessels at new Mangalore Port , Karnataka	5575	03/2018
93	Hydraulic model studies for spillway and power intake of Polavaram Irrigation Project, A.P.	5576	03/2018
94	Mathematical model studies for wave tranquillity for the extension of breakwater at Cambell Bay in A & N Islands.	5577	03/2018
95	Mathematical model studies to assess the impact of development of berths 8 and 9 on vascobay at Mormugoa Port,Goa	5578	03/2018

96	HMS for Indira Sagar Dam Spillway N:P ,1:130 SCALE,3-D Compressive model.	5579	03/2018
97	Hydraulic model studies for flushing of sediment from reservoir ,Arun-III ,H.E Project ,Nepal	5580	03/2018
98	Desk studies for prediction of extreme wave conditions for the proposed development of port at Vadhwan for N/S JNPT, Navi Mumbai	5581	03/2018
99	Mathematical model studies for tidal hydrodynamics and siltation for proposed development of training wall at inlet of Satpati , Palghar Maharashtra	5582	03/2018
100	Mathematical studies for tidal hydrodynamics and siltation for the development of port at vadhwan for N/S JNPT Navi Mumbai	5583	03/2018
101	Hydraulic model studies for service and emergency gates in thye sluice of Garudeshwar, Weir Sardar Sarovar Narmada Project, Gujarat	5584	03/2018
102	Desk and the wave flume studies for the designation of breakwaters for the proposed development of fishery harbour at Porbandar Gujarat	5585	03/2018
103	Desk and wave flume studies for the design of coastal protection work at Air Force Station in Dwarka, Gujarat	5586	03/2018
104	Mathematical model studies for reservoir sedimentation for Punatsang chhu-I.H.E Project, Bhutan	5587	03/2018
105	Field studies for calibration of ADCP and preparation of discharge rating curve at km 457.6 in Gujarat and km 0.775 in Rajasthan	5588	03/2018