

## TECHNICAL REPORT 2016-17

Sl. No.	Title	Report No	Month/Year
<b>April - 2016</b>			
1.	Mathematical model studies for wave tranquillity 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 cochin port trust,	5392	04/2016
5.	Wave tranquillity 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
<b>May - 2016</b>			
7.	Mathematical Model Studies for Shoreline changes due to fishing harbour at South Paravoor, Kerala	5395	05/2016
8.	Calibration/ testing of open channel ultrasonic non-insertion type flow meters in carrier line canal and Delhi Sub- Branch, Delhi	5396	05/2016
9.	Geotechnical studies for recommendation of seepage control measures for earthen dam in premises of M/s Adlabs Entertainment Pvt. Ltd. Khopoli, Maharashtra	5397	05/2016
10.	Field studies for determination of properties of masonry of Temghar Masonry dam, Maharashtra	5398	05/2016
<b>June - 2016</b>			
11.	Hydrographic Survey of Lower Lake at Kateri belongs to Cordite Factory, Aruvankadu using single beam Echo sounder Real Time Kinematic (RTK) DGPS and Jotal Station	5399	06/ 2016
12.	Desk Studies for the design of Coastal protection works at Daman	5400	06/ 2016
13.	Hydraulic Model Studies for assessment of scour downstream of Tangon Dam Spillway, Etalin HE Project, Arunachal Pradesh 1:60 Scale 3-D comprehensive model	5401	06/ 2016
14.	Non destructive Studies for assessment of quality of in-situ concrete of barrel concrete structure of power house, Bhatghar HE Project (1 x 16 MW) Maharashtra	5402	06/ 2016
15.	Non- Destructive Testing for Vihar, Tulsi and Powai Dams of M.C.G.M., Mumbai, Maharashtra	5403	06/ 2016
16.	Hydraulic Model Studies for Spillway and Power intake of Dri Dam of Etalin HE Project, Arunachal Pradesh, 1:60 Scale 3-D, Comprehensive Model	5404	06/ 2016
<b>July - 2016</b>			

17.	Hydraulic Model Studies for assessment of scour downstream of Mangdechhu dam Spillway, Bhutan, 1:60 Scale, 3-D Comprehensive Model	5405	07/ 2016
18.	Desk & Wave flume studies for the design of Breakwaters for the development of fisheries harbour at Majali, District, Uttara Kannada, Karnataka	5406	07/ 2016
19.	Design of Bank protection work at Suva Dahej District, Bharuch, Gujarat	5407	07/ 2016
20.	Hydraulic model studies for Kanhar Dam Spillway, UP, 1:45 Scale Model	5408	07/ 2016
21.	Studies for hydrodynamics & siltation for additional deepening at Berths 8 & 9 at Mormugao Port, Goa	5409	07/ 2016
22.	Hydraulic model studies for spillway of Punatsangchhu HE Project, Stage-II, Bhutan, 1:10 Scale, 3-D Comprehensive Model	5410	07/ 2016
<b>August - 2016</b>			
23.	Model Studies for the Development of Belamber Fish landing Centre at Ankola, Uttar Kannad District, Karnataka	5411	08/ 2016
24.	Mathematical Model Studies for wave tranquillity for development of fisheries harbour at Thanur, Kerala	5412	08/ 2016
25.	Hydraulic Model Studies for assessment of scour downstream of spillway of Punatsangchhu HE Project, Bhutan	5413	08/ 2016
26.	Mathematical Model Studies for wave tranquillity for wave tranquillity for development of fisheries harbour at Vellayil, Kerala	5414	08/ 2016
27.	2-D, Numerical model Studies for reservoir sedimentation of Kwar Hydroelectric Project, Jammu & Kashmir	5415	08/ 2016
<b>September - 2016</b>			
28.	Hydraulic Model Studies for Discharging Capacity for Spillway with Full & Partial Gate Operation, Telegiri Project, Odisha, 1:50 Scale 3-D, Comprehensive Model	5416	09/ 2016
29.	Mathematical Model Studies to asses water levels after construction of proposed ghats along river Godavari at Nashik, Maharashtra	5417	09/ 2016
30.	Desk studies for the design of thore protection works at Vatnappilly Panchayat, Kerala	5418	09/ 2016
31.	Desk & Wave flume studies for the design of breakwaters for the development of fisheries Harbour at Belamber, Karnataka	5419	09/ 2016
32.	Performance test on 60 MW Turbine Unit at Vaitarna HE Power Station, Vaitarna, Nagar, Maharashtra	5420	09/ 2016
33.	Mathematical Model Studies for wave Transformation & Assessment of wave conditions along the proposed extension of Navigational Channel for Mazagaon Dock Ltd. Mumbai (Secret Report)	5421	09/ 2016
34.	Mathematical Model Studies for Hydrodynamics & siltation for the proposed extension of Navigational Channel for Mazgaon Dock Limited, Mumbai (Secret Report)	5422	09/ 2016
35.	Mathematical Model Studies for wave tranquillity for the proposed fishery harbour at Versova, Mumbai - Suburban District, Maharashtra	5423	09/ 2016

36.	2-D Numerical Model Studies for Reservoir sedimentation of 900 MW Arun -III, Hydro Electric Project, Nepal	5424	09/ 2016
37.	Desk studies for design of proposed extension of Navigational Channel at Mazagaon Dock Mumbai (Secret Report)	5425	09/ 2016
38.	Seismic Sub Bottom Profiling Studies at Mazagon Dock Ltd. Mumbai, Maharashtra	5426	09/ 2016
39.	Hydraulic Model Studies for Discharging Capacity with full & partial Gate Operation of Indira Sagar dam Spillway,. MP 1:60 Scale, 2-D Sectional Model	5427	09/ 2016
<b>October - 2016</b>			
40.	Mathematical Model Studies for the reengineering development at Mini-Fishing Harbour Chetty in Alappuzha, Kerala	5428	10/ 2016
41.	Hydraulic model Studies for flushing of sediments from reservoir of Tangaon Limb, Etalin Hydro Electric Project, Arunachal Pradesh	5429	10/ 2016
42.	Hydraulic Model Studies for flushing of sediments from reservoir of Dri Limb Etalin Hydro Electric Project, Arunachal Pradesh	5430	10/ 2016
43.	Hydraulic Model studies for the proposed Road bridge across river Yamuna along Greater Noida-Faridabad link road passing through Sector 149A & 150 Noida	5431	10/ 2016
44.	Desk studies for ship maneuvering for revised alignment of offshore Breakwater at Paradip Port, Odisha	5432	10/ 2016
45.	SECRET	5433	10/ 2016
46.	Desk and wave flume studies for the design of breakwaters for the development of fisheries harbour at Versova Maharashtra	5434	10/ 2016
<b>November - 2016</b>			
47.	Comprehensive study on the Sea Erosion along the Kerala Coast, Kerala	5435	11/ 2016
48.	Wave propagation studies to determine wave climate for the development of fish landing facilities at Ajanur, District, Kasaragod, Kerala	5436	11/ 2016
49.	Analysis & Interpretation of Dam instrumentation Data of Power House for Period Jan 2015 to June 2016, Indira Sagar HE Project, MP	5437	11/ 2016
50.	Strain Measurement in exposed portion of Penstocks (SMA) 3&4 during in -sity Hydro test under static & Running conditions for Nagjhari Power House, Kalinadi, HE Project, KPCL, Karnataka	5438	11/ 2016
51.	Temperature Control Studies on mass concrete for Gunjawari Dam, Pune, Maharashtra	5439	11/ 2016
52.	Mathematical Model Studies for Tidal Hydrodynamics and Sedimentation for the proposed Development of Fishery Harbour at Versova, Mumbai	5440	11/ 2016
53.	Model Studies for flood protection measures in river Alaknanda at Govindghat, District, Chamoli, Uttarakhand	5441	11/ 2016
54.	Estimation of site specific seismic design parameters for Naitwar-Mori Hydro Electric Project, Uttarakhand	5442	11/ 2016
55.	Mathematical model studies for wave tranquillity for the development of passenger water transport terminal at	5443	11/ 2016

	Harihareshwar, Tal - Shriwardhan, Maharashtra		
56.	Mathematical model studies for tidal hydrodynamics siltation and identification of dumping locations for the expansion of captive jetty facilities in Dharamtar creek at Raigarh, Maharashtra	5444	11/ 2016
<b>December - 2016</b>			
57.	Report on analysis of digital accellerograph data for Tarali Dam, Maharashtra	5445	12/ 2016
58.	Mathematical model and desk studies for construction of Temporary pile bridge for erection of pier of flyover bridge across Mithi river Just upstream of Mini confluence Mumbai, Maharashtra	5446	12/ 2016
59.	Geotechnical stability sutdies for breakwater after deepening of Channel at New Mangalore Port Karnataka	5447	12/ 2016
60.	Hydraulic model studies for modified extended spillway of subansiri Dam spillway AP/ Assam, 1: 90 Scale 3D Comprehensive Model	5448	12/ 2016
61.	Hydraulic Model studies for spillway & Power intake of Devsari HE Project, Uttarakhand, 1:60 Scale, 3D Comprehensive Model	5449	12/ 2016
62.	Analysis of Metrological Data for the proposed atomic power at Bhimpur , Madhya Pradesh for NPCIL, Vol.I & Vol. II	5450	12/ 2016
63.	Report on analysis of digital accellerograph data for Tarali Dam, Maharashtra	5451	12/ 2016
<b>January - 2017</b>			
64.	Hydraulic routing studies for flood management works in River Jhelum at Srinagar, Jammu and Kashmir	5452	01/ 2017
65.	Desk and flume studies for the confirmation of breakwater cross section for the Tuna Fishing Harbour at Thiruvotriyur Kuppam in Tamilnadu	5453	01/ 2017
66.	Hydraulic model studies for discharging Capability of Spillway with full and panwel get operation Mangdechhu, H. E. project Bhutan, 1:60 scale 3D Comprehensive model.	5454	01/ 2017
67.	Hydraulic model studies for Power Intake of Punatsangchhu-II H. E. project Bhutan, 1:40 G.S. Scale model.	5455	01/ 2017
68.	Hydraulic model studies for Protection and Restoration of Eastern Kosi Embankment and Spurs, Bihar.	5456	01/ 2017
69.	Studies for Evaluating the mortar making Properties of two samples of fine Aggregates (Sand) Lower Tapi, project, Maharashtra.	5457	01/ 2017
70.	Mathematical Model Studies for in Vestigation of tidal Hydronamics and sediment Transport for the proposed Fishery Harbour at south Paravoor Kerala.	5458	01/ 2017
71.	Mathematical Model Studies for Determination of locations of intake and Outfall for the Proposed 2*600 MWE Fast Breeder Reactor Power Prant at Kalpak am Tamilnadu.	5459	01/ 2017
72.	Mathematical model Studies for evolving Flood and erosion Protection measures along right bank of river Yamuna and its tributaries in tensil Paonta Sahib Dist.Sirmour. H.P.	5460	01/ 2017

73.	Mathematical Model Studies for wave tranquillity for development of port at Betul Goa.	5461	01/ 2017
74.	Mathematical model studies for evolving flood protection measures to Buhal Khad and Manjuni Khad injawali dist Khangra, Himachal Pradesh.	5462	01/ 2017
75.	Desk & Wave Flume Studies for the design of breakwater for the proposed development of Fishery harbour at South Paravoor, Kollam district Kerala.	5463	01/ 2017
76.	Testing of Construction material from lower Tapi Project Maharashtra.	5464	01/ 2017
<b>February - 2017</b>			
77.	Desk studies for the design of coastal protection work for lighthouse in Dwaraka, Gujarat	5465	02/ 2017
78.	Mathematical model studies for the development of passenger water transport terminal at Diveagar taluka shriwardhan, Maharashtra	5466	02/ 2017
79.	Analysis and Interpretation of Dam Instrumentation Data for period January 2015 to December 2015 for Non- overflow Block 25, Indira sagar dam, M.P	5467	02/ 2017
80.	Hydraulic model studies for Teesta IV Dam Spillway, Sikkim, 1:60 scale, 3-D comprehensive model	5468	02/ 2017
<b>March - 2017</b>			
81.	Mathematical Models Studies for Shoreline Changes due to development of Port at Betul, Goa.	5469	03/ 2017
82.	Mathematical Model Studies for Hydrodynamics and Sedimentation for development of Port at Betul Goa.	5470	03/ 2017
83.	Hydraulic Performance and Overload Tests on Submersible Pump Sets of 153m <sup>3</sup> /n and Various Head Capabilities for irrigation development, Uttar Pradesh.	5471	03/ 2017
84.	Hydraulic Performance and Overload Tests on Submersible pump sets of 102 m <sup>3</sup> /n and various head capabilities for irrigation development, U. P-2016	5472	03/ 2017
85.	Desk and wave flume studies for the confirmation of breakwater Work Section for the Tharangambadi Fishery harbour Nagapattnam district in Tamilnadu.	5473	03/ 2017
86.	Hydraulic sump model studies of intake well on river Sabri for M/s Mecon Ltd, Ranch.	5474	03/ 2017
87.	Study to improve the drawal capability of raw water into the existing intake of M/s Adhunik Power and Natural Resources Limited in River Subarnarekha, Jharkhand.	5475	03/ 2017
88.	Review of Storm Surge analysis of Storm wave hind casting for the proposed Water Power Plant at Kowada, A. P.	5476	03/ 2017
89.	Monitoring of blast Vibrations during excavation of rock for Integrated Nuclear Recycle Plant construction (INRPC) Project for BARC, Tarapur Maharashtra.	5477	03/ 2017
90.	Physical Hydraulic model studies for development of Navi Mumbai international airport near Panvel for M/s CIDCO.	5478	03/ 2017
91.	Mathematical Model Studies for Tidal Hydrodynamics, and Siltation aspects for existing Fishery Harbour at Neendakara, Kollam Dist. Kerala.	5479	03/ 2017

92.	Mathematical Model Studies for Hydrodynamics and Siltation for revised alignments of offshore breakwater at Paradeep Port, Odisha.	5480	03/ 2017
93.	Hydraulic Physical Model Studies for development of LNG and Bulk cargo berth in the Proposed Outer Harbour at New Mangalore Port.	5481	03/ 2017
94.	Desk and wave Flume studies for the confirmation of breakwater Cross-sections for the Vellapallam Fishery Harbour Nagapattanam Dist. in Tamilnadu.	5482	03/ 2017
95.	Hydraulic Model studies for Spillway Indira Sagar Polavaram Project, Andhra Pradesh 1:50 scale, 2D Sectional model.	5483	03/ 2017