TECHNICAL REPORTS PUBLISHED DURING 2023-24

Sr. No.	Title	Report No	Month
1	Analysis interpretation of dam instrumentation data up to December 2022 for Polavaram concrete gravity dam, Andhara Pradesh.	6127	Apr-23
2	Efficiency evaluation of turbine unit (1x16 MW) of Bhatghar Hydro Power Station	6128	Apr-23
3	Hydraulic model studies for modified design of spillway with stilling basin as energy dissipater of Punatsangchhu-I H.E. project, Bhutan, 1:70, G.S. 3-D comprehensive model.	6129	Apr-23
4	Mathematical model studies to assess hydrodynamic conditions for the proposed bank protection work at village Borsi-Machiwad Tal. Jalapore Navsari Gujarat.	6130	May-23
5	Desk Studies for navigation and ship manoeuvring for the proposed dedicated Lakshadweep jetty at old Mangalore Port, Karnataka.	6131	May-23
6	Mathematical model studies for wave tranquillity for the proposed development at Saheed Dweep (Neil Island), Andaman and Nicobar.	6132	May-23
7	Mathematical model studies to assess the impact of proposed multipurpose jetty terminal on the flow field of Panvel creek for M/s. Shri Saibaba sand dredging company Pvt. Ltd.	6133	May-23
8	Mathematical model studies to assess the impact of proposed multipurpose jetty terminal on the flow field of Panvel creek for M/s. famous dredging corporation.	6134	May-23
9	Estimation of site specific seismic design parameters for Kathkal Irrigation Project Assam.	6135	May-23
10	Studies for location and hydraulic design of cooling water intake in Mahi Bajaj Sagar reservoir for proposed Mahi Banswara Rajasthan Atomic Power Project (MBRAPP) of NPCIL Banswara, Rajasthan.	6136	May-23
11	Mathematical model studies for hydrodynamics and sedimentation for development of dedicated Lakshdweep jetty, Old Manglore Port, Manglore, Karnataka.	6137	May-23
12	Mathematical model studies for hydrodynamics and sedimentation for development of waterway in Gurupura and Netravati River for ports & inland water Transport Department Karwar, Karnataka.	6138	Jun-23
13	Mathematical modelling studies hydrodynamics and sedimentation due to proposed construction Anit- Erosion bund for development of fishing harbour at Mulgaon, Taluka Srivardhan, Dist. Raigad, Maharashtra.	6139	Jun-23
14	Desk and Wave flume studies for the design of coastal hydraulic structures with utilization of steel slag for M/s. JSW Steel Limited, Dolvi Maharashtra.	6140	Jun-23
15	Backwater studies and preparation of inundation maps for padalse weir on River Tapi Maharashtra.	6141	Jun-23
16	Mathematical model studies for assessment of wave, Climate near spillway area for proposed Kalpsar Dyke in Gujarat.	6142	Jun-23
17	Assessment of water in vadation (if any)using satellite Remote Sensing Techniques for the proposed MAHDA residential layout mass housing scheme at S.No.392 (PT) of village Bolinj & S. No. 376(Pt) of village Virar, Tal. Vasai, Dist Palghar.	6143	Jun-23
18	Analysis and Interpretation of dam Instrumentation data up to December-2022 for Polavaram Concrete Gravity Dam A.P.	6144	Jun-23
19	Studies Dimensional investigation of similar Centrifugal pumps for M/s. Kirloskar Brothers Limited Pune	6145	Jun-23
20	Efficiency evaluation of turbine unit 2x8 MW of Warana hydro power station.	6146	Jun-23
21	Physical wave model studies for development do Kakinada gateway Port East Godavari district, Andhra Pradesh.	6147	Jun-23
22	Geotechnical stability and settlement studies for proposed breakwaters at Navabandar fisheries harbour, Gujarat (Part 1: Eastern Breakwater).	6148	Jul-23
23	Desk studies for the design of coastal protection for strengthening of islands in Gurupura river Mangalore, Karnataka.	6149	Jul-23
24	Desk studies for the design of coastal protection works & extension of existing groynes at Kozhikode Corporation, Kozhikode district, Kerala.	6150	Jul-23
25	Mathematical model studies for hydrodynamics and sedimentation for development of waterway in Suvarna River at Hangarakatta for Port & Inland Water Transport Department, Karwar, Karnataka.	6151	Jul-23

26	Mathematical model studies for surge analysis for Rising Main of Awarde Lift Irrigation Scheme Stage-II, Taluka. Patan Dist. Satara, Maharashtra.	6152	Jul-23
27	Mathematical model studies for surge analysis for surge analysis for Rising Main of Dhumakwadi Lift Irrigation Scheme Stage-II, Taluka. Patan Dist. Satara, Maharashtra.	6153	Jul-23
28	Mathematical model studies for surge analysis for surge analysis of Konjewade Lift Irrigation Scheme Stage-II, Taluka. Patan Dist. Satara, Maharashtra.	6154	Jul-23
29	Field visit report for inspection and deciding the scope of studies for downstream bucket, extension of downstream apron and extension of downstream training wall regarding restriction of the further erosion of the rockmass of Jawahar Sagar Dam, Rawatbhata, Kota, Rajasthan.	6155	Jul-23
30	Estimation of average shear wave velocity (Vs 30) at Sarasvati heritage development project, Haryana.	6156	Aug-23
31	Estimation of average shear wave velocity (Vs 30) at Ghatti Basavanna Dam site, Karnataka.	6157	Aug-23
32	Feasibility study through physical model experiments at KoPT, Kolkata for permanent opening of HDC water spread / dock basin by removing existing lock gate and adjoining river bank.	6158	Aug-23
33	Slope stability analysis between Ch. 9/735 m to Ch. 9/920 m of Banda Branch Canal to Tillari Interstate Irrigation Project Dist. Sindhudurg, Maharashtra.	6159	Aug-23
34	Mathematical model studies for hydrodynamics and sedimentation to assess the feasibility of resumption of lighterage at existing Tuna barge jetty at Nakti creak, Kandla, Gujarat.	6160	Aug-23
35	Desk and wave flume studies for the design and restoration of existing breakwaters/training walls at Varsoli creek, Alibag District. Raigad. Maharashtra.	6161	Aug-23
36	Desk studies for the design of coastal protection work at village Onjal macchiwad, Tal. Jalalpore, Dist. Navasari, Gujrat	6162	Sep-23
37	Surge analysis for Andhali Lift Irrigation Scheme under Late Lakshmanraoji Inamdar LIS, (Jihe Kathapur), Satara	6163	Sep-23
38	Site inspection of Hidkal dam, Tal. Hukkeri, Dist. Belagavi, Karnataka	6164	Sep-23
39	Mathematical model studies for Wave Transformation and Wave Propogation for proposed breakwater in fishery harbor at Bharadkhol, Raigad Dist., Maharashtra	6165	Sep-23
40	Field data collection and mathematical model studies for tidal hydrodynamics and sedimentation for proposed fishing harbor at Astaranga, Odisha	6166	Sep-23
41	Site inspection for checking out the feasibility of conducting various studies towards structural audit of Nashik Thermal Power Station, Maharashta.	6167	Sep-23
42	Mathematical model studies for surge analysis for modified Awarde Lift Irrigation Scheme Stage I, Tal. Patan, Dist. Satara, Maharashtra	6168	Sep-23
43	Mathematical model studies for surge analysis for modified Turali Lift Irrigation Scheme Stage II, Tal. Patan, Dist. Satara, Maharashtra	6169	Sep-23
44	Mathematical model studies for wave tranquility for fish landing center at Burondi, Tal. Dapoli, Dist. Ratnagiri, Maharashtra	6170	Oct-23
45	Mathematical model studies for hydrodynamics for proposed construction of bridge across Dharamtar Creek in Raigad, Maharashtra.	6171	Oct-23
46	Qualitative assessment of concrete by Non destructive testing of three aqueducts and one under passage structure located between left bank canal and branch canal, Ujjani, Solapur, Maharashtra.	6172	Oct-23
47	Mathematical model studies to assess impact of the proposed port development at Vadhvan on flooding in Dahanu Creek and nearby control area under cyclonic conditions.	6173	Oct-23
48	Hydraulic model studies for scour downstream of Indira Sagar dam spillway, Madhta Pradesh, 1:130 scale, 3-D comprehensive model.	6174	Oct-23
49	Physical and numerical model studies for single tunnel spillway of Pakal Dul H. E. project, J & K, 1:25 scale, 3-D comprehensive model.	6175	Oct-23
50	Desk studies for ship manoeuvring for common approach channel for both container berth and multipurpose cargo terminal near Tuna Tekra, Deendayal port, Gujarat.	6176	Nov-23
51	Desk and wave flume studies for the design of breakwater for fishery harbour at Ajanur in Kasargod District. Kerala	6177	Nov-23
54	Hydraulic model studies for the design of revised breakwater sections for the development of RO-RO terminal at Kashid in Raidgad District, Maharashtra.	6180	Nov-23
55	Mathematical model studies for surge analysis for Donargaon-Thanegaon Lift Irrigation Scheme, Tah. Armori, Dist. Gadchiroli, Maharashtra.	6181	Nov-23
56	Measurement of water discharge through penstock of Koyna Dam Power House of Koyna HE project.	6182	Nov-23

57	Hydrographic survey of Omkareshwar reservoir, Madhya Pradesh to evaluate reservoir capacity.	6183	Dec-23
58	Assessment of reservoir capacity and sedimentation studies using multi beam based survey along with single beam system for Indira Sagar reservoir.	6184	Dec-23
59	Mathematical model studies for evolving flood protection measures for river Vashishti near Chiplun town, Maharashtra.	6185	Dec-23
60	Hydraulic model studies for reservoir sedimentation of Kiru H. E. project, Kishtwar, J&K.	6186	Dec-23
61	Tracer studies for delineation of seepage in the spillway portion and divide wall of tail race channel at Kadana dam, Gujarat.	6187	Dec-23
62	Desk studies for the design of coastal protection works under Konkan Disaster Mitigation Scheme at various sites in Ratnagiri District, Maharashtra.	6188	Dec-23
63	Geotechnical studies to assess the effect of dredging at proposed location of MTC pump house at SBC, Visakhapatnam Port, Andhra Pradesh.	6189	Dec-23
64	Mathematical model studies for identification of location of dumping ground site for the disposal of the dredged material resulted from capital and maintenance dredging at Vadhvan port.	6190	Dec-23
65	Desk studies for the design of coastal protection work at Chanch village, Tal. Rajula, Dist. Amreli, Gujarat.	6191	Dec-23
66	Desk and wave flume studies for the design of proposed breakwater for the fishery harbour at Bharadkhol in Raigad District, Maharashtra.	6192	Dec-23
67	Desk studies for the design of coastal protection work at Okha, District. Dwaraka, Gujarat.	6193	Dec-23
68	Mathematical model studies to assess the flow conditions in river Tapi due to proposed river front development and river rejuvenation, Surat, Gujarat.	6194	Dec-23
69	Analysis and Interpretation of Microearthquake data for Kirthai I & II hydroelectric project, Jammu & Kashmir.	6195	Jan-24
70	Mathematical model studies for hydrodynamics and sedimentation in common approach channel for container berth and multipurpose cargo terminal near Tuna Terka, Deendayal port, Gujarat.	6196	Jan-24
71	Mathematical model studies for hydrodynamics, sedimentation and identification of new dumping ground location for Sogal channel dredged material at Deendayal port, Kandla, Gujarat.	6197	Jan-24
72	Controlled blast studies and monitoring of blast vibrations during excavation of rock in close proximity of Bhira Tail Race dam site at Ravalje, Raigad for M/s TATA Power Company Ltd., Pune, Maharashtra.	6198	Jan-24
73	Desk studies for the design of coastal protection works at Dehari, Govada and Umargaon, Kamalwad in Umargaon, Gujarat.	6199	Jan-24
74	Desk studies for the design of coastal protection at Indira Point Lighthouse in Great Nicobar Island, Gujarat.	6200	Jan-24
75	Desk and wave flume studies for the design of training bund for fish landing centers at Gopalpur Markandi and Sonapur in Odisha	6201	Jan-24
76	Estimation of site specific seismic design parameters for Ghatti Basavanna dam, Karnataka.	6202	Jan-24
77	Delineation of distressed zones/voids by seismic tomography in right NOF block(B 51- B60) of Sardar Sarovar dam, Gujarat	6203	Jan-24
78	Analysis and interpretation of dam instrumentation data up to December 2022 for Polavaram concrete gravity dam, Andhra Pradesh.	6204	Jan-24
79	Wave transformation studies to assess the wave conditions at proposed floating pontoon at Elephanta Island, Mumbai	6205	Feb-24
80	Mathematical model studies to assess the impact of finalized layout of proposed port at Vadhvan on Tarapur Atomic Power Station for JNPA	6206	Feb-24
81	Revised desk studies for flood protection works on left bank of river Godavari at Purushothapatnam, East Godavari Dist., Andhra Pradesh.	6207	Feb-24
82	Mathematical model studies for the shoreline changes to evolve the suitable coastal protection for vulnerable coastal site in Puducherry region, Puducherry	6208	Feb-24
	Desk and wave flume studies for design of breakwater for development of fish landing center at Navabag, Tal. Vengurla, Sindhudurg Dist., Maharashtra.	6209	Feb-24
83			
83	Desk and wave flume studies for design of breakwater for develop port facilities at Porbandar, Gujarat.	6210	Feb-24

86	Mathematical model studies for improvement of Pravara river reach from Kalas bridge to Ozar pickup weir, Tal. Akole-Sangamner, Dist. Ahmednagar, Maharashtra	6212	Feb-24
87	Dam break studies and emergency action planning for Venkatadri reservoir, Telangana.	6213	Feb-24
88	Estimation of average shear wave velocity (Vs30) at Ekdare Dam of Damanganga -Ekdare -Godavari (DEG) Link project, Maharashtra.	6214	Mar-24
89	Mathematical model studies for hydrodynamics, siltation, wave propagation and shoreline changes for the proposed development of Muthalapozhy Fisheries Harbour, Kerala.	6215	Mar-24
90	Vibration measurement studies for Rengali H.E. project, Rengali, OHPC Ltd., Odisha.	6216	Mar-24
91	Controlled blast studies for estimation of safe charge and monitoring of blast vibrations during excavation of hard rock at Sani dam , Gujarat	6217	Mar-24
92	Identification and selection of rain gauge and stream gauge sites for development of Early Flood Warning system for Rammam (Stage-III) Project , District Darjeeling , West Bengal for NTPC	6218	Mar-24
93	Implementation of telemetry system in Phase-II under KRMB, Hyderabad	6219	Mar-24
94	Field data collection for the design of coastal protection work at Okha, Gujarat	6220	Mar-24
95	Hydraulic model studies for extended length of syphon structure on Koparde approach canal, Tarali Irrigation Project, Patan Taluka, Satara District, Maharashtra,1:20 scale 3D comprehensive model	6221	Mar-24
96	2D stress analysis by FEM of 3 sections namely block No. 35, 44 and 47 of Sardar Sarovar Dam , SSNNL, Gujarat.	6222	Mar-24
97	Hydraulic model studies for the proposed barrage on river Kamla, Jaynagar, Dist. Madhubani, Bihar	6223	Mar-24
98	Mathematical model studies for wave tranquility, hydrodynamics and sedimentation for development of waterway from Sadashivgad to Kalika Mata Island in Kali river for Karnataka Maritime Board, Karwar, Karnataka	6224	Mar-24
99	Field data collection for proposed development at Deendayal Port, Gujarat.	6225	Mar-24
100	Development of rating curve for main water distribution channel for MIDC at Jambhul , Ambernath, Dist Thane.	6226	Mar-24
101	Laboratory studies for designing suitable cementitious grout mix for controlling seepage through dam body of Warna dam, Kolhapur Maharashtra.	6227	Mar-24
102	Hydraulic model studies for the additional spillway of Hirakud dam, Odisha; 1:100 scale 3D comprehensive model.	6228	Mar-24
103	Desk and wave flume studies for the design of coastal protection measures at Vaithikuppam, Puducherry.	6229	Mar-24
104	Desk studies for the design of breakwater extension for the proposed development of Marine Emergency Response Centre (MERC) at Porbandar , Gujarat.	6230	Mar-24
105	Desk studies for the design of coastal protection work for Juli Kharland Scheme , Taluka Vasai, District Palghar , Maharashtra.	6231	Mar-24
106	Desk and wave flume studies for the design of cross-sections of breakwater for proposed fish landing centre at Burondi, Tal. Dapoli, Ratnagiri District, Maharashtra.	6232	Mar-24
107	Performance and overload tests of sample submersible pumpsets for M/s Rockwell Pump Motors Pvt. Ltd. Ghaziabad(UP)	6233	Mar-24
108	Performance and NPSH tests of pumps for M/s SPX FLOW Technology(I) Pvt. Ltd. Pune.	6234	Mar-24
109	Mathematical model studies to assess wave transformation and shoreline changes for proposed development of fishing harbour at Versova, Maharashtra.	6235	Mar-24
110	Sedimentation and flushing model studies for the proposed barrage on the Tapi River , Surat , Gujarat.	6236	Mar-24
111	Analysis and interpretation of dam instrumentation data for the period January 2021 to December 2022, Indira Sagar Dam , M.P.	6237	Mar-24
112	Estimation of site specific seismic design parameters for Ekdare Dam, Maharashtra.	6238	Mar-24
113	Borehole logging and Tracer studies for seepage at Dudhganga Dam, Maharashtra.	6239	Mar-24
114	Laboratory Studies for designing suitable cementitious grout mix for controlling seepage through dam body of Dudhganga Dam, Kolhapur , Maharasthra.	6240	Mar-24
115	Physical hydraulic model studies to assess the effect of modification in shape of reclamation and dredged area on the flow field at fourth container terminal for JN Port.	6241	Mar-24
116	Mathematical model studies for flood protection measures along river Swan from downstream of Santokhgarh bridge to Shri Anandpur Sahib in Punjab region.	6242	Mar-24
117	Mathematical model studies for suggesting flood protection measures at the confluence of rivers Manjra and Terna, Latur, Maharashtra	6243	Mar-24

118	Nalla diversion studies in connection with construction of 3rd & 4th railway lines near Badlapur Railway Station for Mumbai Rail Vikas Corporation.	6244	Mar-24
119	Satellite derived bathymetry to model reservoir profile using multiband satellite data and validate it for three reservoirs in Jharkhand State under National Hydrology Project	6245	Mar-24
120	Calibration testing and assistance in installation of dam instruments for Polavaram Irrigation Project, Andhra Pradesh	6246	Mar-24
121	Field visit for observation of functionality of Dam Instruments at Sharavathi and Varahi Hydro Electric Project of KPCL	6247	Mar-24
122	Site visit for inspection and verification of installation report, initial readings and observations of instrumentation readings pertaining to dam instrumentation data of Sripada Yellampalli Barrage, Telangana	6248	Mar-24
123	Inspection of SCADA based automatic gates control system installed in Choudhary Charan Singh Ganga Barrage, Narora, Bulandshahar, Uttar Pradesh	6249	Mar-24
124	Surge Analysis of Lift Irrigation Scheme of Ambawade and Kamathi, Satara, Maharashtra	6250	Mar-24
125	Desk studies for hydrological re-assessment for new railway line section between Araria and Galgalia for NEFR, Bihar	6251	Mar-24
126	Revival of dam instrumentation of Ukai Dam, Gujarat: Twin Tube Piezometers.	6252	Mar-24
127	Technical expert services in supporting the evaluation process of bid and in the installation of the instruments for the work of real time dam monitoring project under DRIP for Tamilnadu State.	6253	Mar-24
128	Mathematical model studies for siltation of Bhadbhut barrage project, Gujarat	6254	Mar-24
129	Mathematical Model Studies for of Bhadbhut barrage project, Gujarat	6255	Mar-24
130	Site calibration of water meters of JSW steel limited. Dolvi, Dist. Raigad, Maharashtra	6256	Mar-24
131	Studies for rehabilitation of embankment on Miraj-Kolhapur railway line near bridge No.36/1 on Panchganga River, Maharashtra	6257	Mar-24
132	Hydraulic model studies for spillway of Ratle H.E. Project, 1:45 scale 2-D sectional model	6258	Mar-24
133	Analysis and interpretation of Joint Meter & Inclinometer Instrumentation data for the period January 2020 to December 2021 and observations on Old Instrumentation functioning of Sardar Sarovar Dam, SSNNL, Gujarat	6259	Mar-24
134	Field data collection and mathematical model studies to assess hydrodynamics and sedimentation for proposed development of fishing harbour at Versova, Maharashtra	6260	Mar-24
135	Physical model studies for wave tranquility to assess the effect of Vizhinjam international seaport breakwater, Kerala on the existing fishing harbour (Phase-II).	6261	Mar-24
136	Analysis of beach profiles north of Vishakhapatnam Port to assess the effect of long-term nourishment (for twenty years period from 2003 to 2022)	6262	Mar-24