

TECHNICAL REPORTS FY 2024-25

Sr. No.	Title	Report No.
1	Site visit towards inspection of damages and discussions for undertaking studies for rehabilitation of 10 minor irrigation projects in Ratnagiri District, Maharashtra.	6263
2	Cross hole seismic tomography studies at Bhandardara dam, Maharashtra	6264
3	Field data collection for mathematical model studies for hydrodynamics and siltation for Muthalapozhy Fishing Harbour, Thiruvananthapuram District, Kerala.	6265
4	Borehole logging for estimation of In-situ density at Bhandardara dam, Maharashtra.	6266
5	Site visit to Baglihar H. E. project towards inspection of damages and discussions for undertaking studies for rehabilitation of Baglihar dam, Ramban, J&K.	6267
6	Estimation of design flood and water levels along the study reach of Tapi river for the proposed conventional barrage near village Rundh-Bhatha, Surat, Gujarat.	6268
7	Mathematical Model Studies to simulate Littoral Drift and shoreline changes due to the development at Gurupura Netravati Karnataka	6269
8	Site calibration of Ultrasonic Flow meters installed at Pench IV water supply project of Nagpur Municipal Corporation	6270
9	Sectional Model Studies for the existing Balegaon High Level Barrage on River Godavari, Distt: Nanded, Maharashtra	6271
10	Desk studies for the design of Coastal protection works at various sites in Ratnagiri, Maharashtra(2020-21)	6272
11	Desk studies for the design of Protection work for the approach road at Vengurla, Dist. Sindhudurg, Maharashtra	6273
12	Desk studies for the design of protection work at Madh and Gorai in Mumbai suburban , Maharashtra	6274
13	Additional Desk & wave flume studies for Trunk Portion of Breakwater section using XBLOC Armour units for development of Ramayapatnam greenfield port, Prakasam district, Andhra Pradesh,India	6275
14	Site inspection report of Lendi Dam, Tal- Mukhed, Dist. Nanded	6276
15	Geophysical Investigations at various components of Damanganga (Ekdare) Godavari link project, Maharashtra	6277
16	Mathematical Model Studies for hydrodynamics, siltation along with wave transformation for finalizing the alignment of proposed jetty at Vengurla, Maharashtra	6278

17	Vibration studies for Kolkewadi Power house, Koyna Hydro Electric Project (KHEP) stage III, Maharashtra	6279
18	2D Dynamic Stress Analysis by FEM of One Deepest Non-Overflow section of Bhatsa Dam, Thane, Maharashtra	6280
19	Testing of In-pipe Hydro Turbine at CWPRS for Kirloskar Energen Private Limited, Pune, Maharashtra	6281
20	Mathematical Model studies to investigate the impact of construction of breakwater on Hydrodynamics and sedimentation for safe berthing of Fishing vessels at Belekeri, Karnataka	6282
21	Mathematical model studies to assess hydrodynamics and siltation due to construction of fishing harbour at Ajanur, Kerala	6283
22	Numerical studies of pump sump of Bhandara Flood Protection Scheme, Gosikhurd Project, Nagpur	6284
23	Hydraulic model studies for the development of coastal berth at Hangarakatte, Udupi District, Karnataka	6285
24	Site visit report for inspection of river diversion arrangement of Luhri HEP stage-I, Himachal Pradesh	6286
25	Site Performance of Insertion Type Ultrasonic Flow meter on River water and Waste water recovery pipeline of Nashik TPS, Eklahare, Nashik	6287
26	Desk Studies for the design of coastal protection works at various sites in Sindhudurg District, Maharashtra (2021-22)	6288
27	Desk Studies for the design of coastal protection works at various sites in Tal. Dapoli, Dist. Ratnagiri, Maharashtra	6289
28	Mathematical Model Studies for wave transformation and wave propagation for the proposed breakwater at Konkan LNG limited, Dabhol, Ratnagiri, Maharashtra	6290
29	Desk and wave flume studies for the design of break waters for the development of Marina at old Mangaluru, Karnataka.	6291
30	Desk and wave flume studies for the development of outer harbour at Murudeshwar, Karnataka.	6292
31	Mathematical Model Studies for development of outer harbour at Murdeshwar, Uttara Kannada, Karnataka	6293
32	Estimation of Reservoir Induced Seismicity for Mahi Bajaj Sagar Dam, Rajasthan	6294
33	Post Grouting studies for Determining In-Situ Strength Properties of Kalzondi Masonry Dam, Dist. Ratnagiri, Maharashtra	6295
34	Mathematical model studies for Hydrodynamics and Sedimentation in Common approach channel for Container berth and multi-purpose cargo terminal near Tuna Tekra, Deendayal port, Gujarat	6296
35	Field survey, mathematical modelling and remote sensing studies for coastal processes associated with coastal erosion, shoreline changes assessment at few locations in Maharashtra state.	6297

36	Mathematical Model Studies for assessment of coastal protection works under Konkan Disaster Mitigation Scheme at selected sites in Sindhudurg district Maharashtra	6298
37	Mathematical Model Studies for wave transformation and wave propagation for the proposed breakwater at Konkan LNG limited, Dabhol, Ratnagiri, Maharashtra	6299
38	Desk and wave flume studies for the extension of south breakwater for the development of fishery harbour at Muthalapozhy, Kerala	6300
39	Desk and wave flume studies for the design of breakwaters for the development of Coastal Berth at Hangarkatte, Karnataka	6301
40	Desk studies for the design of cross-section & restoration of existing anti sea erosion bund at Varsoli, Raigad dist., Maharashtra	6302
41	3D stress analysis of Bindu barrage using finite element method, West Bengal.	6303
42	Review of mathematical model studies for hydro dynamics and siltation along Kandla creek due to the proposed oil jetties, Gujarat	6304
43	Hydraulic model studies to assess the requirement of an additional spur between Spur at Km 8.09 and Spur at Km 9.18 along Western Kosi Embankment, downstream of Kosi barrage, Birpur, Bihar	6305
44	Desk studies for the design of coastal protection work under Konkan Disaster Mitigation Scheme at various sites in Sindhudurg District	6306
45	Selection, Supervision, Calibration, Testing & assistance in installation of automatic flow monitoring device in Sardar Sarovar Project (SSP) canal network.	6307
46	Site visit to Bhadra Dam under KNNL, towards inspection of the dam and discussions for undertaking studies for controlling seepage through the body of Bhadra dam, Karnataka	6308
47	Mathematical model studies for littoral drift shoreline change due to proposed development of Multipurpose Harbour at Byndur, Karnataka	6309
48	Hydraulic Model Studies for revision of gate operation schedule of Farakka Barrage, West Bengal	6310
49	Assessment of in-situ quality of rockmass around the Power House by NDT methods at Panshet HEP, Maharashtra	6311
50	Desk and mathematical studies for hydraulic re-assessment of new railway line section between Araria and Galgalia for NEFR, Bihar	6312
51	Physical Hydraulic model studies to assess the feasibility of floating pontoon & Jetty at Rajbunder, Elephanta Island, Mumbai for Maharashtra Maritime Board	6313
52	Mathematical Model studies to assess the wave conditions at the proposed floating pontoon and estimation of likely rate of siltation for jetty at Rajbunder, Elephanta Island, Mumbai	6314
53	Field data collection and analysis for the mathematical model studies for the proposed development at Paradip Port, Odisha	6315
54	Revival of dam instrumentation of Sukhi dam, Gujarat: Twin Tube	6316

	Piezometers	
55	Mathematical model studies for surge analysis of Wambori Chari Lift Irrigation Scheme Stage-II, Ahmednagar, Maharashtra	6317
56	Field data collection and mathematical model sedimentation at Marve Ro-Ro jetty, Mumbai for Maharashtra Maritime Board	6318
57	Desk and wave flume studies for the design of breakwater for the development of multipurpose harbour at Byndur Karnataka	6319
58	Desk studies for the design of groyens for bank protection work at Borsi Macchiwad, Navsari, Gujarat	6320
59	Desk studies for the design of coastal protection work at Maroli Kalgam and Fansa villages Umargam Taluka Valsad District, Gujarat	6321
60	Desk studies for the design of coastal protection work at Fansa (Mangelwad to Bariyawad), Umargam Taluka Valsad District, Gujarat	6322
61	Desk and wave flume studies for the design of breakwater for the development of gateway port at Kakinada, East Godavari District, Andhra Pradesh.	6323
62	mathematical model studies for surge analysis of Wardha Barrage project lift irrigation schemes-1 and 2, Yavatmal, Maharashtra	6324
63	Hydraulic model studies for left flank head regulator of Polavaram Irrigation Project, Andhra Pradesh, 1:20 scale 2-D sectional model	6325
64	Mathematical model studies for hydrodynamics and wave Tranquility for Realignment/ Change in proposed location of Fish Landing Centre at Budhal, Raigarh and Dandi-Makrebag, Sindhudurg, Maharashtra	6326
65	Hydraulic model studies for assessment of scour downstream of Kwar Dam Spillway, Jammu and Kashmir; 1:70 scale, 3D comprehensive model	6327
66	Mathematical Model Studies for Hydrodynamics and Sedimentation for development of multipurpose Marina Facility at Byndur, Karnataka	6328
67	Estimation of Average Shear Wave Velocity (VS30) at Nilmati Dam of Damanganga - Vaitarna-Godavari (DVG) Link Project, Maharashtra	6329
68	Estimation of Average Shear Wave Velocity (VS30) at Koshimset Dam of Damanganga - Vaitarna-Godavari (DVG) Link Project, Maharashtra	6330
69	Estimation of Average Shear Wave Velocity (VS30) at MET Dam of Damanganga - Vaitarna-Godavari (DVG) Link Project, Maharashtra	6331
70	Estimation of Average Shear Wave Velocity (VS30) at Udhale Dam of Damanganga - Vaitarna-Godavari (DVG) Link Project, Maharashtra	6332
71	Desk studies for the design of coastal protection work at Akshi to Sakhar Jetty & Kihim Beach, District Raigad, Maharashtra	6333
72	Desk studies for the design of coastal protection work at Navy Nagar, Colaba, Mumbai, Maharashtra	6334
73	Desk studies for the design of coastal protection work at Murud and Korali, Murud, District Raigad, Maharashtra	6335

74	Desk studies for the design of coastal protection work at Murud Janjira, District Raigad, Maharashtra	6336
75	Desk studies for the design of coastal protection work at various site in Sindhudurg District (2022-23)	6337
76	Assessment study for diversion of Morcha and Mokha-Nala passing through the Ash Dyke of Anpara Thermal Power Station (ATPS), UPRVUNL, Anpara, Sonbhadra District, Uttar Pradesh	6338
77	Framing of Terms of Reference for Development and Implementation of Web Based Real Time Dam Instrumentation and Structural Health Monitoring (WBRTD & WBRTSHM) for Indira Sagar Power Station (ISPS) and Omkareshwar Power station (OPS)	6339
78	Additional physical wave model studies for development of fisheries berth at Vizhinjam International Seaport, Kerla	6340
79	Mathematical model studies to assess operable and extreme wave conditions for the development of Marina in Mumbai harbour for Mumbai Port.	6341
80	Mathematical model studies to estimate the likely rate of siltation in dredged area for the development of Marina in Mumbai harbour for Mumbai Port.	6342
81	Hydrological impact assessment and water availability studies for Kaiga Nuclear Power Project, Uttar Kannada, Karnataka for NPCL, Mumbai	6343
82	Estimation of site specific seismic design parameters for West Seti hydroelectric project, Nepal	6344
83	Mathematical model studies for proposed barrage at Sidheswari river for Masalia Ranishwar LIS, Jharkhand.	6345
84	Mathematical and desk studies based on satellite imageries for evolving protection measures for Majuli Island from flood and erosion of river Brahmaputra, Assam	6346
85	Mathematical model studies for reservoir sedimentation for Pakal Dul hydroelectric project, J&K.	6347
86	Numerical and hydraulic model studies for the barrage of Tapovan Vishnugad hydroelectric project, Uttarakhand	6348
87	Mathematical model studies foe flood protection measures for river Savitri near Mahad town, Maharashtra	6349
88	Delineation of subsurface strata by geophysical investigations at Sani dam, Gujarat	6350
89	Site visit in connection with inspection of damages in the penstock gallery of the power house and dam body of Rihand dam, Sonbhadra, Uttar Pradesh	6351
90	Site inspection to assess the bank erosion along upstream of Sharda barrage from Pilibhit block in Puranpur Tehsil to Paliya block in Lakhimpur Tehsil, Uttar Pradesh	6352
91	Site inspection to assess the flow conditions for construction of bank protection walls near the confluence of Men and Narmada river at village Tilakwada, village Navra and village Guvar, Dist. Narmada, Gujarat.	6353
92	Site inspection to assess the flow conditions for construction of proposed ring bund on the left bank of river Ganga from Chakia Thermal under Barauni	6354

	Block to Matihani Dhala under Matihani Vlock in Begusarai, Bihar.	
93	2D static and Pseudo-dynamic stress and stability analysis of one non-overflow section of Vani Vilas Sagar Dam, Karnataka.	6355
94	Mathematical model studies to estimate the likely rate of siltation due to development of additional berthing facility at Elephanta Island for Maharashtra Maritime Board, Mumbai	6356
95	Geotechnical studies for proposed barrage across river Tapi near village Rundha-Bhata, Surat, Guharat	6357
96	Mathematical model studies for assessment of wave tranquility for development of RO-Ro jetty at Mandwa, Maharashtra	6358
97	Studies for ship navigation and navigational risk at Konkan LNG terminal, Dabhol, Ratnagiri, Maharashtra	6359
98	Parellel sciesmic test at upstream and downstream secant piles of Annaram barrage of Kaleshwaram Lift Irrigation Scheme (KLIS), Telangana	6360
99	Estimation of site specific design parameters for Met dam of DVG link, Maharashtra	6361
100	Estimation of site specific seismic design parameters for Nilmati dam of DVG link, Maharashtra.	6362
101	Estimation of site specific seismic design parameters for Koshimset dam of DVG link, Maharashtra.	6363
102	Estimation of site specific seismic design parameters for Udhale dam of DVG link, Maharashtra.	6364
103	Desk and wave flume studies for the extension of existing breakwater for development of RO-RO jetty at Mandwa district Raigad, Maharashtra	6365
104	Desk studies for the design of coastal protection works at Khera Phase-II, Near village Khera, Taluka Rajula, Dist. Amreli, Gujarat	6366
105	Inspection report in connection with re-evaluation of hoist capacity, structural audit/health status and other issues of Kosi and Gandak barrages	6367
106	Desk studies for design of coastal protection works at Shirgaon, Dandi-Uchheli Arnala, Dahanu in Palghar District, Maharashtra	6368
107	Studies for the design of bank protection work at village Krushnapur, Tal. Jalapore, Dist. Navsari, Gujarat.	6369
108	Desk studies for the design of coastal protection works at Adgaon and Bordi, Taluka Shrivardhan, Raigad District, Maharashtra	6370
109	Mathematical model studies for hydrodynamics and sedimentation to assess the impact of extension of offshore breakwater at Mandwa Port, Mumbai, Maharashtra.	6371
110	Physical hydraulic model studies to estimate the alignment of additional berthing facility and to assess the impact of proposed reclamation on nearby areas at Elephanta Island, Mumbai	6372
111	Site inspection visit for checking out the feasibility of undertaking necessary studies towards detection of leakage at CW channel for Parli Power Station, Maharashtra.	6373
112	Hydrodynamic and water quality modeling study (near field and Far field dilution) for selection of suitable disposal location off Suvali coast for steel complex at Hazira by AM/NS India Limited.	6374

113	Desk studies for design of coastal protection works at various site in Ratnagiri District (2022-23), Maharashtra	6375
114	Site visit to assess impact of Sitamma Sagar Multipurpose Project on heavy water plant, Manuguru, Telangana	6376
115	Physical model studies for flood routing of Nag river in Nagpur city, Maharashtra	6377
116	Physical model studies to study the tidal hydrodynamic conditions for the development of Marina in Mumbai harbor for Mumbai Port.	6378
117	Design, selection and development of current meter calibration facilities at Kerala Engineering Research Institute (KERI) Thrissur, Kerala	6379
118	Cementitious grouting for stabilizing/ fortification of rock mass near Panshet Hydro Power Station for arresting rock fall, Panshet, Pune, Maharashtra	6380
119	Site inspection report to suggest remedial river training measures to the guide/afflux bunds of Kosi Mahasetu across river Kosi, Nimali, Bihar	6281
120	Vibration and sound level studies for Dudhganga Hydro Electric Project, Kolhapur, Maharashtra	6382
121	Field data collection for mathematical model studies for Karaikal port, Puducherry	6383