

List of Model Studies Technical Reports
Hydrodynamics Research Division No.1, Nashik

SR. No.	YEAR	T.R.No.	NAME OF REPORTS	PROJECT	REMARKS
1	1966	HYD1/A/2	Masrul Spillway -Experimental Observation of of Wanwarla Pickup weir of Pus Project	Pus	---
2	1970	HYD1/G/3	Koyana H.E.P. stage III rd report of tail race model studies Vol-1	Koyana	---
3	1971	HYD1/A/9	Pujaritola Dam Spillway.-S.P. note on Model Studies for Pujaritola Dam Spillway.	Pujaritola	---
4	1971	HYD1/C/2	Itiadh Irrigation -Specific note on model studies for Itiadh Irrigation Outlet.	Itiadh	---
5	1971	HYD1/C/9	Karajwan Irrigation - Specific note on model studies for Karajwan Irrigation Outlet.	Karajwan	---
6	1971	HYD1/G/10	Dhond - Specific note on studies done for wave profile after sudden opening Gate of dhond.	Dhond	---
7	1971	HYD1/A/3	Karajwan Dam Spillway -Model Studies for Across Kadawa River Karanjwan Dam Spillway.	Karajwan	---
8	1971	HYD1/B/17	Ujjani Dam Spillway -First Interium report in respect of Model studies experiments for Ujjani Dam Spillway (original)	Ujjani	---
9	1971	HYD1/A/1	Alwandi Dam Spillway - Specific note on Model Studies for Vaitarna Project.	Vaitarna	---
10	1971	HYD1/C/10	Karajwan Dam - Model studies on Karajwan Dam Irrigation Outlet.	Karajwan	---
11	1971	HYD1/C/3	Pujaritola R.B.C. - Specific note on Theoretical studies for Pujaritola R.B.C. Outlet.	Pujaritola	---
12	1971	HYD1/C/4	Pujaritola R.B.C - Specific note on Theoretical studies for Pujaritola L.B.C. Outlet.	Pujaritola	---
13	1971	HYD1/C/5	Jayakwadi R.B.C. - Specific note on Theoretical studies for Jayakwadi R.B.C. Outlet.	Jayakwadi	---
14	1971	HYD1/C/13	Vaitarna Dam - Specific note on Theoretical studies for Vaitarna Dam Bye pass Outlet.	Vaitarna	---
15	1972	HYD1/A/5	Sirpur Dam Spillway-Model Studies Experiments for Sirpur Dam Spillway.	Sirpur	---
16	1973	HYD1/B/18	Ujjani Dam Spillway-II nd Interium report in respect of Model studies experiments forUjjani Dam Spillway.	Ujjani	---
17	1973	HYD1/B/12	Darana Dam- Additional Spillway I st Interium report	Darana	---
18	1973	HYD1/C/14	Mula R.B.- Specific note on Proto type experiments conducted on Mula R.B.Outlet.	Mula	---
19	1973	HYD1/D/1	Bhatsa Dam Project low level R.B.outlet 1:15 G.S. Composite model first Interium report on model experiment.	Bhatsa	---
20	1974	HYD1/B/11	Darana Dam- Additional Spillway IInd Interium report.	Darana	---
21	1974	HYD1/G/4	Koyana stage I st & II nd A note on coefficient of Rugosity of H.R.T. & T.R.T.	Koyana	---
22	1975	HYD1/A/4	Palkhed Dam Spillway -Model Studies for Palkhed Dam Spillway.	Palkhed	---
23	1976	HYD1/A/8	Bori Dam Spillway.-S.P. note on Model Studies for Bori Dam	Bori	---
24	1976	HYD1/D/3	General- I st Interium report on model studies for self Regulated Outlet.	-----	---
25	1976	HYD1/B/4	Radhanagari Dam -First Interium report on model studies for Radhanagari Dam remolding of spillway	Radhanagari	---

26	1977	HYD1/D/2	Bhima Project Ujjani Dam River sluices report on model studies	Bhima	—
27	1977	HYD1/C/15	Bhatsa Dam - Specific note on Theoretical studies for Bhatsa Dam Low level R.B.Outlet.	Bhatsa	—
28	1977	HYD1/G/26	Vaitarna H.E. P- I st Interim report on model studies for Vaitarna H.E. Project intake structures.	Vaitarna	—
29	1977	HYD1/E/11	Tillari H.E. P- I st Interim report on model studies for Tillari H.E. Project head surge studies.	Tillari	—
30	1977	HYD1/E/9	Vaitarna H.E. P- IInd Report on model studies for Vaitarna H.E. Project intake structures.	Vaitarna	—
31	1977	HYD1/B/13	Krishna River K.T.W -Report on Kolhapur type weir near bahe across Krishna River.	Krishna	—
32	1977	HYD1/B/6	Asangaon Dam -First Interim report on model studies for Asangaon Dam spillway Dudhganga Project.	Dudhganga	—
33	1978	HYD1/G/1	Koyana H.E.P. - Mansoon Intake weir on automatic arrangement for diversion of boulders free constant discharge for Koyana H.E.P. stage 2 nd	Koyana.	—
34	1978	HYD1/C/12	Kukadi Project - Model studies for Kukadi Project Manikdoh Dam outlet.	Manikdoh	—
35	1978	HYD1/E/10	Kolkewadi Dam - I st Interim report on model studies for Kolkewadi Dam under Sluice.	Kolkewadi	—
36	1978	HYD1/C/8	Bhatsa Dam low level R.B.outlet Dissipation Concurred layout of Canal.	Bhatsa	—
37	1978	HYD1/C/1	Totladoh Dam -Specific note on model studies for Totladoh Dam River sluice of Pench A.E.Project.	Totladoh	—
38	1978	HYD1/G/21	Penganga project (upper)- A Report on model studies for Assessment of loss of head through Irri. Canal syphons (siphons Across Koyna river upper penganga project.)	Penganga	—
39	1979	HYD1/C/7	Bhatsa Dam low level R.B.outlet model studies for Energy Dissipation for 10% Increased discharge.	Bhatsa.	—
40	1979	HYD1/B/7	Asangaon Dam spillway -IInd Interim report on model studies for Asangaon Dam spillway Dudhganga Project.	Dudhganga	—
41	1979	HYD1/F/4	Tillari Hydro Elect. Project seepage studies of left flank of Dhamane Dam.	Dhamane	—
42	1979	HYD1/B/10	Waghur Dam spillway -Report on model studies Waghur Dam spillway (1:50 G.S. Sectional model)	Waghur	—
43	1980	HYD1/C/6	Penganga Project (Upper) - Special note on Isapur Dam R.B.Irrigation Outlet. Theoretical Study	Penganga	—
44	1980	HYD1/A/6	Manikdoh dam Spillway -Kukadi Project Manikdoh dam Spillway 1:5 G.S.composit model.	Kukadi	—
45	1980	HYD1/A/10	Veer Baji Pasalkar-S.P. note on Model Studies for Veer Baji Pasalkar.	Veer Baji	—
46	1980	HYD1/B/8	Asangaon spillway -Technical report on model studies for Asangaon spillway Dudhganga Project.	Dudhganga	—
47	1980	HYD1/B/9	Manar Dam -Technical report on model studies for behaviour of Spillway tail channel of Manar Dam.	Manar	—
48	1980	HYD1/C/11	Bhandardara Outlet @ 100 ft. Level.	Bhandardar	—
49	1980	HYD1/G/11	Tillari H.E.P. Masonry Dam Dhamne.	Tillari	—
50	1980	HYD1/B/5	Radhanagari Dam -First Interim report on model studies for Radhanagari Dam remoulding of spillway	Radhanagari	—
51	1981	HYD1/D/8	Dudhganga Project Asangaon Dam Low level Outlet Second & Final Report on Model studies	Dudhganga	—

52	1981	HYD1/G/28	Godawari Project (lower)- Interium report on model studies in respect of lower Godawari Project Vishnupuri Project.	Vishnupuri	—
53	1981	HYD1/B/3	Majalgaon Dam spillway -III rd Interium report on model studies for Majalgaon Dam spillway (I.P.stage II nd)	Majalgaon	—
54	1981	HYD1/D/4	Dudhganga Project -I st Interium report on Dudhganga Project Asangaon Dam low level Irrigation Outlet.	Dudhganga	—
55	1981	HYD1/E/12	Kolkewadi Dam - 2 nd Interium report on model studies for Kolkewadi Dam under Sluice.	Kolkewadi	—
56	1981	HYD1/A/7	Totladoh Dam Spillway -Pench H.E. Project Totladoh Dam Spillway 1:100 G.S. Composit Model.	Pench	—
57	1981	HYD1/B/1	Majalgaon Dam spillway -First Interium report on model studies for Majalgaon Dam spillway (Jayakwadi Project stage II nd)	Jayakwadi.	—
58	1982	HYD1/B/2	Majalgaon Dam spillway -IInd Interium report on model studies for Majalgaon Dam spillway (I.P.stage II nd)	Majalgaon	—
59	1982	HYD1/B/14	Penganga (Upper) - Interium Report on sectional model studies spillway of Upper Penganga Project alternative I & II	Penganga	—
60	1982	HYD1/G/2	Tillari H.E.P- Technical memorandum on model studies for Tillari H.E.Project head surge studies.	Tillari	—
61	1982	HYD1/G/27	Tillari H.E.P- Tech. Memorandom on model studies for Tillari H.E.Project.	Tillari	—
62	1983	HYD1/G/29	Kalisarar Project - Report on model studies for energy dissipation arrangement of Kalisarar Project.	Kalisarar	—
63	1983	HYD1/B/15	Shingwe K.T. - Report on model studies for K.T. Weir of Shingwe.	Shingwe.	—
64	1983	HYD1/G/30	Kalisarar Project - 2 nd Interium report on model studies for E.D.A. of Kalisarar Project.	Kalisarar	—
65	1986	HYD1/G/18	Warsangvi M.I.- A Report on model studies of Labyrinth weir designed for Warsangvi M.I.Tanks (Tal-Kinwat, Dist- Nanded.)	Warsangvi	—
66	1987	HYD1/B/23	Majalgaon Dam spillway -VI th Report on model studies for Majalgaon Dam spillway (studies for gate operation)	Majalgaon.	—
67	1988	HYD1/G/15	General - Project report on creation of water Recirculation facility for Hydro. Models	Hydro	—
68	1988	HYD1/G/16	General - Project report on creation of water Recirculation facility for Hydro. Models	Hydro	—
69	1989	HYD1/G/19	Hatola M.I.- A Report on model studies of Labyrinth weir designed for Hatola M.I.Tank (Tal-Banshi, Dist -Akola.)	Hatola	—
70	1989	HYD1/D/6	Dudhganga Project - IInd & Final report on model studies of low level Irrigation Outlet & it's E.D.A. of Dudhganga Project for Re- Revised layout.	Dudhganga	—
71	1989	HYD1/G/17	General - I st Final report on Hydraulic Model studies & Head Regulator, tons, barrage. M.P.	-----	—
72	1990	HYD1/G/32	Talni Medium Project - A Report on model studies for Labyrinth weir designed for Talni Medium Project. (Tal-Billoli. Dist- Nanded.)	Talni	—
73	1990	HYD1/D/7	Dudhganga Project (Asangaon Project) Technical note on the Model studies of L.L.I.O.& its E.D.A.	Dudhganga	—
74	1990	HYD1/G/31	Tons Hydel Project - Report on surge effect in the water conductor system of Tons Hydel Project.	Tons	—

75	1990	HYD1/G/33	Kambali Medium Project - A Report on model studies for Labyrinth weir designed for Kambali Medium Project (Tal-Ashti, Dist –Beed.)	Kambali	—
76	1991	HYD1/D/5	Sardar Sarovar Project.- Final report on model studies for Measurements of down pull up trust on river sluice gates of Sardar Sarovar Project.	Sardar Sarovar	—
77	1991	HYD1/B/16	Indrawati Project (Upper)- Final report on model studies for Depletion sluices & spillway of Indrawati Dam of Upper Indrawati Project- ORISSA.	Depletion	—
78	1991	HYD1/G/24	Tons Hydel Project - Report on surge effect in the water conductor system of Tons Hydel Project.	Tons	—
79	1992	HYD1/G/34	Bhelpara Medium Project - A Report on model studies for Labyrinth weir designed for Bhelpara Medium Project.(Tal-Pathardi, Dist- Ahamadnagar)	Bhelpara	—
80	1992	HYD1/G/35	Jayakwadi project - A Report on model studies for Labyrinth weir designed for Jayakwadi project stage 2 nd	Jayakwadi	—
81	1992	HYD1/B/19	Deogad Project - First Interium report on composit model studies on energy dissipation arrangement & Tail channel of Deogad Project.	Deogad.	—
82	1993	HYD1/D/9	Yedgaon Dam L.B.C- A Report on model studies for Yedgaon Dam L.B.Canal outlet functioning of E.D.A. & Canal wave problem.	Yedgaon	—
83	1993	HYD1/B/20	Bhoj M.I.- A Report on behaviour of tail channel of flank spillway of Bhoj M.I.Tank & remedial measure.	Bhoj	—
84	1993	HYD1/B/21	General -Performance evaluation of Slotted Roller Bucket.	EDA Study.	—
85	1993	HYD1/E/1	Pus Project(Lower)- A Report on model studies done for lower Pus Project by Elect Anology method.	Pus	—
86	1993	HYD1/G/36	Mutha R.B.C.- Discharge assement of different gauge sitis new Mutha R.B.C. by field stuidies.	Mutha	—
87	199 3	HYD1/B/22	General - Evalution of standard discharge curves for Radial gates final reports.	Gates	—
88	1993	HYD1/G/25	Bembla project - Back water calculation of Bembla project Dist- Yavatmal.	Bembla	—
89	1994	HYD1/G/37	General- “MERI”Nashik Report on use & Application of Trancript card.	MERI	—
90	1994	HYD1/H/3	Takari (stage-I) & Mhaisal (stage-I) - 2 nd Interium report on Krishna – Koyana lift irrigation scheme @ Takari (stage-I) & Mhaisal (stage-I) discussing adequancy of opening size in flow guide wall.	Krishna Koyana	—
91	1994	HYD1/D/10	Dimbhe L.B.C- lInd & Final report on model studies for Dimbhe L.B.Canal & Outlet.	Dimbhe	—
92	1995	HYD1/H/1	Vishnupuri - A Report on proto type performance Vishnupuri Approach sump & pump- sump.	Vishnupuri	—
93	1995	HYD1/H/2	Takari - A Report on Krishna – Koyana lift irrigation scheme @ Takari (stage-II) Pump-sump model studies.	Krishna Koyana	—
94	1995	HYD1/G/40	Majalgaon Dam - Model studies for Labyrinth weir for Majalgaon Dam Jayakwadi project stage2 nd	Jayakwadi	—
95	1995	HYD1/H/4	Mhaisal (stage-I) - Krishna – Koyana lift irrigation project @ Mhaisal (stage-I) report of studies done on composit model.	Krishna Koyana	—
96	1995	HYD1/G/39	Kalna R.B.C- Final report on model studies forKalna Aqueduct on R.B.C. @ Tillari Irrigation Project (GOA)	Kalna	Model is in good condition
97	1995	HYD1/G/38	General- Performance evaluation of standing wave flume in canals.	-----	—
98	1995	HYD1/B/24	Majalgaon Dam spillway -IV th Interium Report on model studies for Majalgaon Dam spillway. (Jaykwadi Project stage II)	Jayakwadi	—

99	1996	HYD1/H/5	Takari (stage-I)- A Report about studies of on 1:40 scale G.S. three diamentional model of Krishna – Koyana lift irrigation project Takari (stage-I)	Krishna Koyana	—
100	1996	HYD1/H/6	Mhaisal (stage-I) कृष्णा कोयना उपसा सिंचन योजना म्हासाळ टप्पा १ प्रतिकृती अभ्यास	Krishna Koyana	—
101	1996	HYD1/E/8	Vaitarna H.E. P- I st Interium report on model studies for Vaitarna H.E. Project intake structures.	Vaitarna	—
102	1996	HYD1/G/41A	Yedgaon Tail Channel - A Report suggesting remedial measures for the distresses @ Yedgaon Tail Channel.	Yedgaon	—
103	1996	HYD1/H/8	Mor Dam - I st Interium report on model studies for Mor Dam Spillway.	Mor	—
104	1996	HYD1/B/26	Tisgaon Medium Project -A Report on model studies for spillway D/S converging channel chute EDA & Tail Channel of Tisgaon Medium Project.	Tisgaon	—
105	1996	HYD1/E/14	Gosikhurd Project - I st Interium report on model studies in respect of the Gosikhurd Project Spillway & EDA.	Gosikhurd	—
106	1996	HYD1/B/25	Manjara Project.- IV th Report on model studies for Manjara Project.	Manjara	—
107	1997	HYD1/D/11	Itiadh Project - A Report on model studies for Raising F.R.L. of Itiadh Project by providing labyrinth.	Itiadh	—
108	1997	HYD1/D/12	Gosikhurd project - A Report on model studies of pump sump for take per lift Irrigation scheme under Gosikhurd project Tal-& Dist-Bhanara.	Gosikhurd	—
109	1997	HYD1/G/42	Itiadh Project - 2 nd Report on model studies for Raising F.R.L. by providing Labyrinth weir at U/S of existing oleo weir of Itadoh Project (Gothangaon Tal-	Itiadh	—
110	1997	HYD1/G/41B	Bembla River Project - Sectional model studies for spillway of Bembla River Project in Dist- Yavatmal.	Bembla	—
111	1997	HYD1/G/42	Itiadh Project - 2 nd Report on model studies for Raising F.R.L. by providing Labyrinth weir at U/S of existing oleo weir of Itadoh Project (Gothangaon Tal-Arjuni Mor Dist- Bhandara.	Itiadh	—
112	1997	HYD1/H/7	Mhaisal (stage-I) - A Report on Krishna – Koyana lift irrigation project Mhaisal (stage-I) Pump-sump model studies.	Krishna Koyana	Model is in good condition
113	1998	HYD1/I/2	Mor Dam -Final report on model studies for Mor Dam Spillway.	Mor	—
114	1998	HYD1/B/27	Sulwade Barrage -A Report on model studies for Sulwade Barrage.	Sulwade	—
115	1999	HYD1/H/9	Mhaisal (stage-I) - Report on Krishna – Koyana lift irrigation project Mhaisal (stage-I) Pump-sump model studies.	Krishna Koyana	Model is in good condition
116	1999	HYD1/B/29	Wardha Project (lower)-A Report on section model studies for spillway & it's E.D.A. of lower Wardha Project Dist- Wardha.	Wardha	—
117	1999	HYD1/B/28	Nagan -Final report on model studies for spillway & it's E.D.A. of Nagan Medium Project	Nagan	—
118	1999	HYD1/B/30	Khadakpurna River Project Report on section model studies for spillway & Horizontal Stilling basin Khadakpurna River Project Dist-Buldhana.	Khadakpurna	—
119	1999	HYD1/B/31	Chapdoh Medium Project - Dist- Yavatmal Report of model studies done on 1:40 G.S. scale composit model for side channel spillway energy dissipation	Chapdoh.	Model is in good condition

120	2000	HYD1/I/3	Temghar Project - I st Interim report on model studies on Energy Dissipation arrangement for spillway of Temghar Project.	Temghar	---
121	2000	HYD1/B/32	Prawara Project (Upper) I st Interim report on model studies on energy dissipation arrangement for spillway of Upper Prawara Project Nilwande Dam.	Prawara	---
122	2000	HYD1/B/33	Goshikhurd Project -II nd report on model studies for spillway & E.D.A. of Goshikhurd Project Dist-Bhandara.	Goshikhurd	---
123	2001	HYD1/B/34	Goshikhurd Project -Brief Note on model studies of Goshikhurd Project Dist-Bhandara. (M.S.) Prepared for the V th meeting of the panel of experts.	Goshikhurd	---
124	2001	HYD1/B/36	Tillari Dam spillway -Report on model studies for Tillari Dam spillway.	Tillari	---
125	2001	HYD1/B/35	Wardha Project -Final report of studies carried out on composit model for the spillway & it's E.D.A. of lower Wardha Project Dist- Wardha.	Wardha	---
126	2002	HYD1/B/39	General- A Brief Note on Analysis of the Result of model studies for Energy Dissipation Arrangement for Spillway.	-----	---
127	2002	HYD1/B/37	Nilwande Dam-Final report on model studies for spillway & E.D.A. of Nilwande Dam Dist-Ahamadnagar.	Nilwande.	---
128	2003	HYD1/K/2	Kawadas Pick-up Weir - Calibration of outlets gates of Kawadas Pick-up Weir Surya Project Tal-Dahanu Dist-Thana.	Surya	---
129	2004	HYD1/A/11	Isapur Dam Spillway Report on study of Gate operation schedule for Isapur Dam Spillway. (Upper Penganga Project)	Penganga	---
130	2005	HYD1/B/41	Narmadasagar -Report on model studies for Narmadasagar Gate Operation sequence of spillway.	Narmadasagar	---
131	2005	HYD.1/	Final report on model studies for the strengthening of Koyna dam spillway & E.D.A. of Koyna Hydro Electric project.	Koyna H.E.P.	Model is in good condition
132	2006	HYD1/B/42	General-Study report on Vortex formation at U/S of Redial gate near piers while surplusing of floods over spillway with partial gate Opening	-----	---
133	2006	HYD1/G/56	Nira Deoghar Project - Final report on model studies for Nira Deoghar Project Dist- Pune.	Nira Deoghar	---
134	2008	HYD1/B/43	Sapli Dam spillway-Interim report on model studies for Sapli Dam spillway.	Upper Painganga Sapli Dam	---
135	2008	HYD1/B/44	Bhama Askheda Dam -Interim report on model studies for Bhama Askheda Dam spillway and E,D.A.	Bhama Askheda	---
136	2011	Hydro1/2D Report/ Middle Vaitarna /B/45	Two dimensional model studies for Middle Vaitarna Project spillway & E.D.A., Tal- Mokhada, Dist.- Thane referred by municiple corporation of Greater Mumbai	Middle Vaitarna	
137	2011	HYD1/B/46	Jigaon Project -First Interim report on 2D model studies for the spillway of Jigaon Project Tal-Nandura Dist.-Buldhana.	Jigaon	Model is in good condition
138	2012	HYD1/B/47	Jigaon Project -Second Interim report on 2D model studies for the spillway of Jigaon Project Tal-Nandura Dist.-Buldhana.	Jigaon	
139	2014	HYD1/B/48	Jigaon Project -3rd and final report on 2D model studies (Gate-calibration) for the spillway of Jigaon [project Tal.Nandura, Dist.Buldhana	Jigaon	
140	2016	HYD1/B/49	Jigaon Project -4 th report on 2D model studies for the spillway of Jigaon project, Tal.Nandura, Dist.- Buldhana	Jigaon	

141	2013	HD-1/Middle Vaitarna	Report on composite (3-D) model studies for Middle Vaitarna Project Dam spillway & E.D.A., Tal- Mokhada, Dist.- Thane referred by Municipality Corporation of Greater Mumbai	Middle Vaitarna	Model is in good condition
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