

Current Assignment at IRI Roorkee

Sl. No.	Name of the Study
1.	Model Study for the Availability of Water from River Ghaghra to Tanda Pump House (Uttar Pradesh)
2.	Model study for the protection works of Railway Bridge No. 47 & 51 across river Kosi and Baghmata in Mansi-Saharsa Section (Bihar)
3.	Model Study of Soma-Sissri H.E. Project (Arunachal Pradesh)
4.	2D & 3D Model studies of Kalisindh Dam Project (Rajasthan)
5.	Model Study of Dibbin H.E. Project (Arunachal Pradesh)
6.	Model Study of Miyar H.E. Project (Himachal Pradesh).
7.	Model Study of Ratle HEP (Jammu & Kashmir)
8.	Basic study on Scour around Pier
9.	Model Studies for Upstream Bifurcation, Downstream Bifurcation and Tailrace Outlet of Tehri Pump Storage Plant. (Uttarakhand)
10.	Meteorological observations at Meteorological Observatory & Automatic Weather Station, Bahadradab
11.	Model studies for Rogini-chu H E Project (Sikkim)
12.	Maintenance of model of Tehri (U.K.) & Koteshwar (UK) H.E Projects
13.	Model studies for Revised proposal of Anandpur Barrage (Orissa)
14.	Model studies for Penstock Bifurcation of Rampur H E Project (HP)
15.	Model studies for Bijoli- Holi H E Project (Comprehensive Model)
16.	Model studies for Pipalkoti H E Project (Uttarakhand)
17.	Further Model studies for Desilting Chamber of Shri Nagar H E Project.
18.	Model studies for Surge shaft and multi junction of Rampur H E Project (HP)
19.	Model studies for flood sluice of Hasan Dam (Republic of Yemen)
20.	Model studies for upper marsyangdi HEP (Nepal)
21.	Model studies for Jhelum Tamak H E Project (Uttarakhand)
22.	Model studies for Nyabarongo HEP-Rwanda (East Africa)
23.	Model studies for various barrages across river Mahanadi (CG)
24.	Maintenance of model of Pipalkoti H E Project (Uttarakhand)
25.	Model studies for Samodha Barrage (Chhatishgarh)
26.	Current meter Rating and Calibration
27.	Model Studies of protection for breaching between section Km. 45 to Km. 48 of left bank of river Sharda in Pilibhit
28.	Further Model Studies of Ogee Spillway of Rangit stage IV H.E. Project (Sikkim)
29.	Additional Model Studies of Beecham dam spillway of Kemang H.E. Project (AP)
30.	Additional Model Studies of Tenga Dam Spillway Kemang H.E. Project (AP)
31.	Maintenance of model of Bogibil bridge (Assam)

32.	Model Studies for Desilting Chamber of Rangit H.E Project (Sikkim)
33.	Model Studies Teesta H.E. Project Stage-VI (Sikkim)
34.	Further model studies for Rail-cum-Road Bridge across river Brahmaputra at Bogibil (Assam)
35.	Hydraulic Model Studies of Barrage Shimla (HP)
36.	Hydraulic Model Studies of Power Intake Shimla (HP)
37.	Hydraulic Model Studies of Desilting Chamber Shimla (HP)
38.	Capacity Survey of Matatila Reservoir (UP)
39.	Capacity Survey of Pili Reservoir (UP)
40.	Study for Leakage by using stable isotope technique at Gaj. H. E. Project (H.P.)
41.	Study of Ground Water Recharge in Bhagwanpur Block (District- Haridwar) (Basic Study)
42.	Testing of hydraulic performance of Pressure release Valves
43.	Preparation of Detailed Project Report (DPR) for the feasibility of Artificial ground water recharge in District Mahendragarh (Haryana)
44.	Concrete mix design of different types of concrete.
45.	Testing of physical properties of cement
46.	Testing of physical properties of coarse and fine aggregate
47.	Testing for compressive strength, flexural strength etc. of concrete
48.	Testing for compressive strength, transverse strength and water absorption of bricks and brick tiles
49.	Testing of tensile strength of steel specimens.
50.	Analysis of Rock Engineering parameters for Himalayan Projects
51.	Evaluation of engineering properties of Rock specimens for R&D Project
52.	In-situ Plate Load Tests, Modulus of Elasticity, Poisson's Ratio, Block Shear Tests and Pull out Tests for Kanhar Sinchai Pariyojana, Sonbhadra, Sonbhadra (U.P.)
53.	In-situ & Laboratory Tests of soil for Proposed Ram Ganga Barrage Site Bareilly (UP)
54.	Lab Tests on Soil Samples pertaining to JP Associates Pvt. Ltd. Noida (UP)
55.	In-situ & Laboratory Tests of soil for Proposed Barrage Site on River Koshi pertaining to Kumaun Irrigation Division Almora (UK)
56.	In-situ & Laboratory Tests of soil for Proposed Rohini Barrage-3, Maharajgang (U.P.)
57.	Grain size gradation of silt Samples of Bahadabad feeder channel
58.	Soil Testing of Chandosi and Bahjoyee branches canals of proposed Central Ganga Canal Project stage II and Plate Load Test (In-Situ) at foundation level of cross-drainage works in Moradabad (UP)
59.	Chemical analysis of Cement, Cement mortar and Cement Concrete of HDA, Haridwar