Institute projects 2026-27

Sr. No.	Project	Project staff
	REF projects	
1.	**REF/24-26/17:** Estimation of fish catch, diversity, and socio-economics of fishers of selected rivers towards fisheries and livelihood sustainability (Narmada, Cauvery, Sutlej, Gomti and Pamba)	S. K. Manna (P.I.)
1.1	**REF/24-26/17/3:** Estimation of fish catch, diversity, ecological variability and socio-economics of fishers of Sutlej River towards fisheries and livelihood sustainability	A. Alam, D. N. Jha, V. R. Thakur, J. Kumar, V. Kumar, Arun Pandit
1.2	**REF/24-26/17/4:** Estimation of fish catch, diversity, ecological variability and socio-economics of fishers of Gomti River towards fisheries and livelihood sustainability	D. N. Jha, A. Alam, V. R. Thakur, J. Kumar, V. Kumar, Arun Pandit
2.	**REF/24-27/18:** Assessing changes in estuarine fisheries resources for sustainable management (Pulicat Lake, Kayamkulam estuary, and Mahi estuary)	D. Bhakta
2.1	**REF/24-27/18/1:** Assessing changes in fisheries resources for sustainable management of Pulicat Lake	D. Bhakta, S. K. Manna, S. K. Das (upto 31.03.26), A. K. Sahoo, Sangeetha M. Nair, Aparna Roy, C. Johnson
2.2	**REF/24-27/18/2:** Assessing changes in fisheries resources for sustainable management of Kayamkulam estuary	Preetha Panikkar, Jesna P. K., Sonalika Sahoo, Deepa Sudheeshan, T. T. Paul, Tanuja Abdulla, Ganesh Chandra, Santhana Kumar V. (w.e.f. 01.04.25)
2.3	**REF/24-27/18/3:** Assessing changes in fisheries resources for sustainable management of Mahi estuary	Suhas P. Kamble, Roshith C. M.
3.	**REF/24-27/19:** Evaluation of ecosystem health, fish catch structure, mangrove landscape patterns aiming to Sustainable Development Goals (SDGs) with changing climate scenario in Indian Sundarbans	Ajoy Saha, Rosith C. M., Pranab Gogoi, Sangeetha M. Nair, Sonalika Sahoo
4.	**REF/26-29/20:** Assessing fish diversity and fisheries in Indian Ramsar sites for policy and management	K. Lohith Kumar
5.	**REF/26-29/21:** Mapping introduced freshwater non-native species in India and assessing their impacts using standard frameworks	K. Lohith Kumar
6.	**REF/26-29/22:** Assessing the impacts of habitat heterogeneity on the structural and functional composition of fish assemblages along the River Subarnarekha	Roshith C.M.
7.	**REF/26-29/23:** Fish diversity, fisheries trends and emerging threats in the Narmada River basin	Dibakar Bhakta
8.	**REF/26-29/24:** Captive breeding and rearing of Hilsa, *Tenualosa ilisha*, for conservation initiative'	S.K. Manna
9.	**REF/26-29/25:** Biodiversity, environment and livelihoods: towards a sustainable fisheries management plan for the Saryu River	B.R. Chavan

	OWAPM projects	
10.	**OWAPM/24-27/01:** Investigation of ectoparasitism and their effects on fish populations of Eastern Indian reservoirs	A. K. Bera (since 04.06.25), Raju Baitha (PI upto 03.06.25), B. K. Das, A. K. Das, Arman U. Muzaddadi, Rahul Das, M. Shaya Devi (w.e.f. 17.11.25) Arun Kumar De (w.e.f. 01.04.26)
11.	**OWAPM/26-29/02:** Enclosure aquaculture in Indian inland open waters –mechanization and automation for enhancing blue economy and livelihood	Armaan U. Muzaddadi
12.	**OWAPM/26-29/03:** Development of a bio- encapsulated, probiotic-loaded, environmental stress mitigating functional feed for cage culture	D.K. Meena
13.	**OWAPM/26-29/04:** Domestication, feeding response and growth performance of selected species *Sperata seenghala* /*Channa striata* reared in floating net cages	Rahul Das
	RWF projects	
14.	**RWF/23-26/15:** Exploration of ecosystem dynamics and fisheries of Kanva (Karnataka), Sathanur (Tamil Nadu) and Banasurasagar (Kerala) reservoirs for sustainability and conservation	Preetha Panikkar, Ramya V. L., Jesna P. K., Sonalika Sahoo, Sibina Mol S. (from 01.04. 2024)
15.	**RWF/24-27/16:** Development of natural farming protocol for culture-based fisheries in wetland	R. K. Manna, H. Chowdhury, Md. Aftabuddin, Lianthuamluaia, Suman Kumari, P. Majhi
16.	**RWF/24-27/17:** Fostering reservoir fisheries for blue growth and achieving SDGs amid climate change and anthropocene	Sajina A. M., A. K. Das, R. K. Manna, Suman Kumari, Lianthuamluaia, Satish K. Koushlesh, Pritijyoti Majhi, Chayna Jana, T. T. Paul, D. Sudheesan, T. Abdulla, Piyashi DebRoy (w.e.f. 01.04.25)
17.	**RWF/24-27/18:** Exploration and feasibility study of pits and quarries for fish production	Suman Kumari, A. K. Das, R. K. Manna, Sajina A. M, S. Kaushlesh, Pritijyoti Majhi
18.	**RWF/26-29/19:** Fisheries enhancement and refinement of fish stocking strategies through community-based management in Almatti Reservoir, Karnataka	
	FRAI projects	
19.	**FRAI/24-27/01:** Harnessing data science for optimizing spatial assessment of riverine and wetland fisheries resources	Malay Naskar, S. K. Sahu, Chayna Jana, Soma Das Sarkar
20.	**FRAI/24-27/02:** Assessment of greenhouse gas emission and carbon sequestration potential of selected wetlands for developing mitigation strategies to reduce the adverse impacts of climate change	S. Samanata, S. K. Nag, Vikas Kumar, N. Chanu
21.	**FRAI/24-27/03:** Assessment of petroleum hydrocarbon, PFAS and phenolic micropollutants in surface water and their effect on ecosystem health	S. K. Nag, Soma Das Sarkar, AjoySaha, Md. Aftabuddin, Kavita Kumari (w.e.f. 01.04.26)
22.	**FRAI/24-27/04:** Assessing the resilience of native fish communities in different hydroclimatic zones	Ramya V. L., Jesna P. K., Sibina Mol S., Sonalika Sahoo, Niti Sharma, Absar Alam, L. N. Murthy (w.e.f. 17.11.25)

	AEB projects	
23.	**AEB/24-27/01:** Biotechnological interventions for aquatic environment and fisheries management of wetlands	Kavita Kumari, Dhruba Jyoti Sarkar, Praveen Maurye, Kavita Kumari, Vikash Kumar, Suvra Roy, M. Shaya Devi, Santhana Kumar V., P. K. Parida (w.e.f. 01.04.25), Lohith Kumar (w.e.f. 01.04.26)
24.	**AEB/26-29/02:** Development of a point of care colorimetric sensor for detection of DO and ammonia in surface water	Dhruba Jyoti Sarkar
25.	**AEB/26-29/03:** Mechanistic insights into fish disease pathogenesis and evaluation of eco-friendly therapeutics and preventive agents	A. K. Bera
26.	**AEB/26-29/04:** Assessment of ecological and fisheries importance of hydroid forests under changing climate scenarios in the Indian Sundarbans	M. Shaya Devi
	Social Science projects	
27.	**FSE/25-28/07:** Sustainable inland fisheries for climate-resilient and gender-inclusive livelihoods towards attaining SDGs	Aparna Roy, L.N. Murthy (w.e.f. 17.11.25), A. K. Das, Arun Pandit, Aparna Roy, P. K. Parida, Lianthuamluaia, Anjana Ekka, Dibakar Bhakta, Piyashi DebRoy, Kavita Kumari, Suman Kumari, M. Shaya Devi, Canciyal Johnson, G. Karnatak, P. J. Majhi, Ganesh Chandra, M. Ramteke, Pronob Gogoi, T. N. Chanu, Deepa Sudheesan, Simanku Borah, Pronob Das, S. P. Kamble
28.	**FSE/25-28/08:** Economic accounting of inland open waters for a resilient blue economy in the Indian Sundarbans and North-Eastern Regions	Anjana Ekka, Arun Pandit, Aparna Roy, G. Chandra, P. DebRoy
	NEH projects	
29.	**NEH/24-27/04:** Sustainable management of inland open water fisheries of Northeastern India	S. K. Majhi, B. K. Bhattacharjya, P. Das, S. C. S. Das, S. Borah, A. K. Yadav, Niti Sharma, Rakesh Kumar (upto 07.10.25)
30.	**NEH/24-27/05:** Assessing fisheries and habitat characteristics of River Brahmaputra and rivers of Sikkim in response to natural and anthropogenic changes	B. K. Bhattacharjya
30.1	**NEH/24-27/05/01: Revisiting** River Brahmaputra for assessing fisheries and habitat characteristics in response to natural and anthropogenic changes	B. K. Bhattacharjya, S. K. Manna, S. K. Majhi, A. K. Yadav, S. C. S. Das, S. Borah, P. Gogoi, Rakesh Kumar (upto 07.10.25), Pronob Das
30.2	**NEH/24-27/05/02:** Assessment of fish diversity, distribution and fish catch structure in rivers of Sikkim	Niti Sharma, S. K. Majhi, A. K. Sahoo, S. C.S. Das, D. Bhakta, A. K. Yadav (w.e.f. 01.04.26)