

On-going Externally funded projects (2025 – 2026)

No.	Title	Project Coordinator/ Principal Investigator	Funding Agency	Start year	End year
1.	National Innovations in Climate Resilient Agriculture (NICRA)	Dr. Grinson George	ICAR	2012	2026
2.	Marine mammal stock assessments in India	Dr. Grinson George (Project Coordinator) Dr. Ratheesh Kumar R. (PI)	DoF- PMMSY	2023	2026
3.	CO ₂ Assimilation off Cochin and Mandapam Coast	Dr. Shelton Padua	NRSC	2018	2026
4.	AINP on Fish Health	Dr. Krupesha Sharma S. R.	ICAR	2017	2025
5.	National surveillance programme for aquatic animal diseases	Dr. Krupesha Sharma S. R.	PMMSY	2022	2026
6.	Network programme on Assessment of Antimicrobial Resistance (AMR) in microorganisms associated with fisheries and aquaculture in India	Dr. Krupesha Sharma S. R./ Dr. Sumithra T. G. (09.04.2025 onwards)	ICAR	2018	2026
7.	E G Silas Centre of Excellence and Innovation (EGS-CoEI) in marine fish microbiome and nutrigenomics	Dr. Krupesha Sharma S. R. (Project Coordinator) Dr. Sumithra T. G. (Sub Project - I - PI) Dr. Sanal Ebeneazar (Sub Project - II - PI)	DBT	2020	2026

8.	Deep-sea metagenomics for enhanced next generation bioethanol production	Dr. Sumithra T. G.	DoM-MoES	2024	2026
9.	Establishment of marine ornamental fish aquaculture enterprises in Lakshadweep as a technology demonstration project in operationalization of ornamental fishery	Dr. Anikttan K. K.	NCDC	2022	2025
10.	Development of seed production technology for the high value marine food fish, the Giant trevally <i>Caranx ignobilis</i> to enhance the seafood production and nutritional security	Dr. Sakthivel M.	DBT	2023	2026
11.	The changing dynamics of labour migration on employment, livelihoods and resource productivity patterns in Indian marine fisheries sector	Dr. Shyam S. Salim	NASF	2023	2026
12.	Fishery Management Regimes: Optimization and Innovation for the Blue Economy in the Bay of Bengal Region	Dr. Shyam S. Salim	BIMReN (BIMSTEC-India Marine Research Network)	2025	2027
13.	Strengthening Macro-Economic Aggregate and Gross Value Added (GVA) Estimation in the Indian Marine Fisheries Sector	Dr. Shyam S. Salim	MoSPI	2025	2026
14.	Phytoplankton diversity in Indian Ocean using OCM-3: Collection and Analysis of In-situ datasets for studying phytoplankton diversity	Ms. Shikha Rahangdale	ISRO-SAC	2023	2025
15.	Algal Blooms estimation and associated bio-optical properties in Indian Ocean region using OCM-3 and sea-truth measurements	Dr. Vinaya Kumar Vase	ISRO-SAC	2023	2025

16.	Computer vision based monitoring of fishes in marine cage farming	Dr. V. V. R. Suresh	iHub Drishti Foundation	2023	2025
17.	Development of Polyketide and Oligosaccharide analogues from economically important seaweeds as prospective angiotensin converting enzyme inhibitors	Dr. Kajal Chakraborty	DBT	2023	2026
18.	Development of high-value pharmacophores and nutraceutical products from marine macroalgae for human health management and combating lifestyle diseases	Dr. Kajal Chakraborty Co-PI - Dr. Adnan H. Gora (05.06.2025)	ICAR- Norman Borlaug Award 2020	2023	2028
19.	Development of a sustainable aquafeed with docosaehaenoic acid-rich <i>Aurantiochytrium sp.</i> , as an alternative to fish oil for enhancing Silver pompano nutrition	Dr. Adnan H. Gora (Project Coordinator & PI)	DBT	2024	2027
20.	Bio-inventorying and documentation of marine species in coastal and marine ecosystems of Andhra Pradesh	Dr. Pralaya Ranjan Behera	APSBB	2023	2025
21.	Environmental sustainability through Integrated Multi-Trophic Aquaculture (IMTA): A participatory approach for the socio-economic upliftment of coastal fishers of Thoothukudi District, Tamil Nadu	Dr. L. Ranjith / Dr. Loveson Edward L. (09.09.2025 onwards)	NABARD-FSPF	2023	2025
22.	Standardization of mass production and evaluation of resting egg production in tropical marine copepods for the use as live feed for fish larval rearing	Dr. B. Santhosh	DBT	2023	2026
23.	Eco-systems, Agribusiness and Institutions Component 1: "Impact assessment of agricultural technology"	Dr. Shinoj P.	NIAP Network project	2021	2026
24.	Integrating risk assessment and future projections for sustainable coastal resilience	Dr. Shinoj P.	MoEF&CC	2024	2027

25.	Establishment of STI Hub for primitive "Sidi" Adivasi Tribes of Gujarat for socio-economic upliftment through mariculture entrepreneurship	Dr. Divu D.	DST- SEED	2024	2027
26.	GIS-Driven Spatial Zonation and Sea-Space Governance Framework for Sustainable Mariculture Development in Gujarat	Dr. Divu D.	DoF- Gujarat	2025	2029
27.	Seaweed farming feasibility assessment and exploration of promotional activities along Kori, Padala and other selected locations along Kutch Coast, Gujarat	Dr. Divu D.	NFDB -PMMSY	2023	2026
28.	Transit seaweed seed retention activities for bridging the seasonal gap and climate uncertainties for sustaining seaweed farming along Kutch Coast, Gujarat	Dr. Divu D.	DoF- PMMSY	2025	2026
29.	Pilot scale seaweed farming and demonstration for enhancement of fishermen livelihood in Srikakulam coast, North Andhra Pradesh coast	Dr. Joe K. Kizhakudan (Project Coordinator) Dr. Sekar Megarajan (PI)	DoF- Andhra Pradesh	2025	2026
30.	Standardization and demonstration of farming methods for Marine finfish, John's Snapper <i>Lutjanus johnii</i> in marine cages and earthen ponds – Towards species diversification	Dr. Sekar Megarajan	NFDB	2025	2028
31.	Omics approaches in the Indian pompano, <i>Trachinotus mookalee</i> and the Indian edible oyster, <i>Crassostrea bilineata</i> (<i>Magallana bilineata</i>) to develop genomic resources for ensuring sustainable aquaculture	Dr. Sandhya Sukumaran (Project Coordinator) Dr. Sekar Megarajan (PI)	DBT	2024	2027

32.	Understanding the molecular mechanisms that confer adaptation to deep-sea habitats in selected fishes through whole genome and transcriptome sequencing	Dr. Sandhya Sukumaran	DoM-MoES	2025	2027
33.	Genomic approaches in the Golden trevally, <i>Gnathanodon speciosus</i> and Silver pompano <i>Trachinotus blochii</i> to augment aquaculture productivity	Dr. Sandhya Sukumaran	ICAR-CRP Genomics	2024	2026
34.	Promotion of a Fish Farmers Producer Organization (FFPO) in Ernakulam District	Dr. Saju George	NABARD	2025	2030
35.	Farming of commercially important marine finfishes in sea cages integrated with seaweeds at Puducherry	Dr. Johnson B.	DoF- Govt. of Puducherry	2025	2026
36.	Identification and removal of ghost fishing nets in the selected fishing zones of Trivandrum coast for developing strategies for regular monitoring of marine ecosystems	Dr. Asha P. S.	KSBB	2025	2026
37.	Exploring the harvest and post-harvest potential of mesopelagic resources from the Indian EEZ- A pilot study towards commercial exploitation for blue economy	Dr. Sujitha Thomas	NFDB	2025	2026
38.	On-farm demonstration of nursery rearing and seed production of captive-bred Giant trevally using natural and artificial feeds	Dr. Ambarish P. Gop	NFDB	2025	2026
39.	Development of breeding and supply centre for damselfishes	Dr. Ambarish P. Gop	DBT-BIRAC	2024	2025
40.	Nucleus Breeding Centre for Marine Fish Species	Dr. Vinod K.	DoF - PMMSY	2025	2028

41.	Automated identification of marine species with artificial neural networks to enhance the exploration and sustainable utilisation of deep sea marine fishes	Dr. Rekha J. Nair	DoM-MoES	2025	2027
42.	Matsya Shakti: Empowering coastal minority communities through training on leadership enhancement and Fisheries- Based Livelihood Technologies in Trivandrum, Kerala	Dr. Surya S.	PM VIKAS - MoMA	2025	2026
43.	Scaling up of seed production of Seabream, <i>Acanthopagrus berda</i> employing nanotechnological interventions for enhancing its farming potential	Dr. Suresh Babu P. P.	DBT-BIRAC	2025	2027
44.	Demonstration of mechanized pineapple leaves silage production in plastic drums for rural employment generation	Dr. Shinoj Subramannian	NABARD	2025	2026
45.	Scientific Assessment of Water Pollution Levels in Thane and Panvel Creek and its Effect on Coastal Fishery Resources.	Shri. Nakhawa Ajay D.	MPCB	2025	2027
46.	Scoping report of FMU: EAFM project on Coringa Mangrove Ecosystem	Dr. Muktha M.	BoBP-IGO	2025	2026
47.	Sea ranching of green tiger shrimp (<i>Penaeus semisulcatus</i>) Post Larvae (PL) in Palk Bay and Gulf of Mannar, Tamil Nadu for sustainable production	Dr. Tamilmani G.	DoF-PMMSY	2022	2026
48.	Development of pilot scale open sea eco mussel farms in India - A blue growth project	Dr. Anil M. K.	NFDB - PMMSY	2024	2026

49.	Seed-to-farm: Enabling bivalve aquaculture in coastal villages of Maharashtra through hatchery linkage and nursery development	Dr. Anil M. K.	Mangrove Foundation, Maharashtra	2025	2026
50.	AINP on Mariculture	Dr. Bobby Ignatius	ICAR	2017	2025
51.	Network project on ornamental fish breeding and culture	Dr. Madhu K.	ICAR	2018	2026
52.	Preparation of Scoping Report & Plan towards Implementation of the Ecosystem Approach to Fisheries Management (EAFM) for Trawl Fisheries in Chennai	Dr. J. Charles Jeeva	BoBP-IGO	2026	2026
53.	Rapid Appraisal Survey (RAS) – Assessment of Coastal Ecosystem Health, Marine Fisheries Productivity and socio-economic Impacts in Uppada region of U. Kothapalli Mandal, Kakinada District.	Dr. Manas H. M. Dr. Joe K. Kizhakudan (Project Coordinator)	Govt. of Andhra Pradesh.	2026	2026
54.	Development and integration of AI-driven Computational Frameworks for Advanced Data Analytics in Complex Environmental Systems	Dr. Eldho Varghese	ICAR-National Fellow Scheme	2026	2030