

List of on-going projects 2025-26

S.no	Project Code	Project Title	Principal Investigator
Crustacean Culture Division (CCD)			
Institute funded projects			
1.	FISHCIBASIL2 02300200153	Amelioration of soil and water under different geographical regions for sustainable aquaculture production.	Saraswathy R
2.	FISHCIBASIL2 02300300154	Captive broodstock development and induced maturation techniques of kuruma shrimp, <i>Penaeus japonicus</i> Form II through hormonal/ environmental & dietary approaches	Shyne Anand
3.	FISHCIBASIL2 02500100187	Development of brackishwater seaweed seedling production and its integration into crustacean farming systems	Aravind. R
4.	FISHCIBASIL2 02500200188	Technological Standardization of Seed Production and Rearing Protocol for the Commercialization of blue swimmer crab, <i>Portunus</i> sp.	Raymond Jani Angel J
Externally funded projects			
5.	FISHCIBASOL 202201000127	Demonstration of viable farming protocols for indigenous brackish water seaweed species for income generation among coastal folks.	Nila Rekha P
6.	FISHCIBASOL 202200200119	Development of indigenous shrimp (Indian white shrimp) aquaculture: Genetic improvement Program of <i>Penaeus indicus</i> , Phase – I.	Akshya Panigrahi
7.	FISHCIBASOL 202300100133	Biofortification of trace elements in biofloc based aquaculture –microbial mediated approach for value added healthy shrimp and fish production	Akshya Panigrahi
8.	FISHCIBASOL 202300200134	Development and demonstration of artificial intelligence based precision aquaculture technologies	Nila Rekha P
9.	FISHCIBASOL 202300800140	Evaluation and Refinement of biofloc based new age farming technology through effective microbial management, recirculation and input optimization for sustainable intensification across different aquaculture system.	Akshya Panigrahi
10.	FISHCIBASOL 202400100141	Geospatial mapping of potential zones for expanding responsible aquaculture in Maharashtra	Jayanthi M
Finfish Culture Division (FCD)			
Institute funded projects			
11.	FISHCIBASIL2 02300400155	Upscaling the breeding and seed production of grey mullet (<i>Mugil cephalus</i>) and Magrove Red snapper (<i>Lutjanus argentimaculatus</i>)	Kailasam M
12.	FISHCIBASIL2 02300500156	Characterizing and developing the indigenous fish cell lines to prove stemness and proliferation in seafood cell culture.	Makesh M
13.	FISHCIBASIL2 02300600157	Application of assisted reproductive techniques in breeding programmes for <i>Lates calcarifer</i>	Sherly Tomy

14.	FISHCIBASIL2 02300700158	Broodstock development and captive maturation of Streaked spine foot <i>Siganus javus</i> & <i>S. lineatus</i>	Jayakumar R
15.	FISHCIBASIL2 02300900160	Development of base population for selective breeding on growth in pearlspot.	Sivamani B
16.	FISHCIBASIL2 02301000161	Reliable seed production of brackishwater finfishes Seabass (<i>Lates calcarifer</i>), Milkfish (<i>Chanos chanos</i>) Mono angel (<i>Monodactylus argenteus</i>) and Scat (<i>Scatophagus argus</i>).	Subburaj R.
17.	FISHCIBASIL2 02500300189	Enriching live feeds with Thraustochytrids: a path to higher survival rates in brackishwater finfish and crab larvae	Sandeep K P
Externally funded projects			
18.	FISHCIBASOI2 02501500152	Entrepreneurship and cluster farming model to empower coastal scheduled caste communities and increase productivity of value-chain of the high value fish Asian seabass <i>Lates calcarifer</i>	Kailasam M.
19.	FISHCIBASOL 202201100128	Development of recombinant microalgae expressing Nervous necrosis virus capsid protein for vaccinating finfish against viral nervous necrosis (CRP on Vaccines and Diagnostics).	Makesh M
20.	FISHCIBASOL 202400300143	Genome editing approaches for improving growth and reproductive performance of Asian seabass (<i>Lates calcarifer</i>) and Indian white shrimp (<i>Penaeus indicus</i>).	Sherly Tomy
21.	FISHCIBASOL 202400500145	AINP on Ornamental Fish Breeding and Culture.	Dani Thomas
22.	FISHCIBASOI2 02500400145	Unraveling the genetic variation among the Scat (<i>Scatophagus argus</i>) populations of India through captive breeding and molecular markers BT/PR47309/AAQ/3/1075/2023	Sandeep KP
Aquatic Animal Health and Environment Division (AAHED)			
Institute funded projects			
23.	FISHCIBASIL2 02301100162	Genotyping and virulence analysis of white spot syndrome virus.	Shashi Shekhar M
24.	FISHCIBASIL2 02301200163	Evaluation of stress mediated immunological and physiological response in brackishwater candidate species by flowcytometry.	Shashi Shekhar M
25.	FISHCIBASIL2 02301300164	Application of gene editing technologies (CRISPR/Cas) for disease diagnosis.	Poornima M
26.	FISHCIBASIL2 02301400165	Interaction of <i>Enterocytozoon hepatopenaei</i> (EHP) and <i>Vibrio</i> spp. in disease outcome and their therapeutics.	Ananda Raja R
27.	FISHCIBASIL2 02301500166	Aquaculture pond ageing on soil, water quality and crop productivity in shrimp culture ponds	Kumararaja P
28.	FISHCIBASIL2 02301600167	Fish diseases and their management with special reference to <i>Amyloodinium ocellatum</i> and other parasites.	Vidya Rajendran
29.	FISHCIBASIL2 02301700168	Field evaluation of <i>Enterocytozoon hepatopenaei</i> (EHP) therapeutic CIBA EHP cura I.	Sathish Kumar T

30.	FISHCIBASII20 2500600190	Design and Implementation of IoT with Block Chain Based Traceability System for Shrimp Supply Chain Management	Ananda Raja R
31.	FISHCIBASII20 2500600191	Investigation of running mortalities associated with white muscle (WMS) and white feces syndrome (WFS) in the shrimp farms of Nagapattinam.	Sathish Kumar T
32.	FISHCIBASII20 2500500192	Disease prevalence in mud crabs, prevention and control of infectious diseases in culture systems	Bhuvaneswari T
Externally funded project			
33.	FISHCIBASOL 202200700124	National Surveillance Programme for Aquatic Animal Diseases (NSPAAD) - 2. National Referral Laboratory for Brackishwater Fish Diseases.	Subhendu Kumar Otta
34.	FISHCIBASOL 201800400096	Indian Network for Fisheries and Animals Antimicrobial Resistance (INFAAR).	Subhendu Kumar Otta
35.	FISHCIBASOL 202000200105	All India Network project on fish health	Patil PK
36.	FISHCIBASOL 202201400131	Development of molecular diagnostics for differentiation of pathogenic and non-pathogenic Vibrio species in aquaculture.	Sujeet Kumar
37.	FISHCIBASOL 202200600123	National Surveillance Programme for Aquatic Animal Diseases (NSPAAD) - 1. National Surveillance Programme for Aquatic Animal Diseases in Tamil Nadu.	Ezhil Praveena P
38.	FISHCIBACOP 201100100057	National Innovations in Climate Resilient Agriculture (NICRA) - Developing sustainable adaptive and mitigation strategies for climate smart brackishwater aquaculture.	Muralidhar M
39.	FISHCIBASOL 202201200129	Development of probiotics and immunostimulants for shrimp.	Patil PK
40.	FISHCIBASOL 202201500132	Development of point of care diagnostics for the detection of major shrimp pathogens WSSV and EHP	Sathish Kumar T
41.	FISHCIBASOL 202200300120	Novel approaches for disease-free health certification in finfish and development of high health shrimp for sustainable aquaculture.	Subhendu Kumar Otta
42.	FISHCIBASOL 202201300130	Development of microalgae based improved delivery method for control of shrimp White Spot Syndrome Virus (WSSV) in culture ponds.	Subhendu Kumar Otta
43.	FISHCIBASIL2 02301100162	Genome sequencing and its application for Brackishwater Aquaculture.	Shashi Shekhar M
44.	FISHCIBASOL 202400400144	IoT based water and soil health monitoring systems with affordable indigenous sensors for intensive aquaculture	Muralidhar M
45.	FISHCIBASOI2 02500700146	Awareness of better management practices for sustainable shrimp culture through CIBA technologie	Sathish Kumar T
Nutrition, Genetics & Biotechnology Division			
Institute funded projects			
46.	FISHCIBASIL2 02301800169	Identification and evaluation of diversified feed ingredients for their utility in shrimp and fish feeds for sustainability.	Ambasankar K
47.	FISHCIBASIL2 02301900170	Development, testing and demonstration of newer feeds and feed management strategies.	Ambasankar K

48.	FISHCIBASIL2 02302100172	Production and management of live feeds for use in aquaculture.	Kumaraguru Vasagam KP
49.	FISHCIBASIL2 02302200173	Molecular approaches for solutions directed towards the management of diseases and feed for aquaculture species.	Vinaya Kumar Katneni
50.	FISHCIBASIL20 2500800193	Optimization of Nutrients and Development of feed for Grow-Out Culture of Crabs	Anantharaja K
Externally funded projects			
51.	FISHCIBASOL 202000300106	Investigations on dietary alterations in shrimp for abiotic stresses using nutrigenomics approach	Ashok Kumar J
52.	FISHCIBASOL 202300600138	Atlas of Climate Adaptation in South Asian Agriculture.	Ashok Kumar J
53.	FISHCIBASOL 202000100104	Whole genome sequencing of brackishwater aquaculture candidate species and development of genomic resources.	Vinaya Kumar Katneni
54.	FISHCIBASOL 202100400112	Solid state fermentation technology for development of cost-effective customized plant protein products as fishmeal alternate for shrimp feed.	Syama Dayal J
55.	FISHCIBASOL 202100500113	Unravelling signatures of growth and salinity adaptation in Etroplus surentensis through omics approaches.	Vinaya Kumar Katneni
56.	FISHCIBASOL 202300400136	New age shrimp rearing system for precise use of land, water and feed.	Kumaraguru Vasagam KP
57.	FISHCIBASOL 202300700139	Unravelling signatures of dietary protein sparing and fibre tolerance in Penaeus vannamei for development of cost-effective feeds through omics approaches	Syama Dayal J
58.	FISHCIBASO12 02500900147	SUPER-INTENSIVE PRECISION AND NATURAL SHRIMP FARMING (SIPNFS) of NFDB	Kumaraguru Vasagam KP
59.	FISHCIBASO12 02500900148	SUPER-INTENSIVE PRECISION AND NATURAL SHRIMP FARMING (SIPNFS) of MPEDA/RGCA	Kumaraguru Vasagam K
60.	FISHCIBASO12 02500900149	SUPER-INTENSIVE PRECISION AND NATURAL SHRIMP FARMING (SIPNFS) at TAHDCO	Kumaraguru Vasagam KP.
Social Science Division			
Institute Funded Project			
61.	FISHCIBASIL2 02302300174	Demonstrations of ICAR-CIBA nursery and grow-out technologies for livelihood upliftment and skill development of SC and tribal communities of coastal Odisha.	Ravisankar T
62.	FISHCIBASIL2 02302400175	Economic Analysis in brackishwater aquaculture production marketing and trade sectors	Sairam CV
63.	FISHCIBASIL2 02400600186	Livelihood analysis on gender participation in aquaculture sectors and impact of environmental changes and challenges faced by coastal families	Shanthi B
64.	FISHCIBASIL2 02302600177	Brackishwater aquaculture led integrated livelihood development for the coastal SC families in Mayiladuthurai district of Tamil Nadu	Kumaran M

65.	FISHCIBASIL2 02302700178	Diversification of farming activities for alternate sustainable livelihood of fisherfolk in Tamil Nadu and Karnataka.	Geetha R
66.	FISHCIBA2024 00200142	Front line demonstration on mudcrab and blue swimmer crab in polyculture and monoculture systems	Mahalakshmi P
67.	FISHCIBASIL20 2501200194	Development of innovative insurance models for aquaculture	Geetha R
Externally funded projects			
68.	FISHCIBACOL 202200500122	Production Systems, Agribusiness and Institutions - Component 1 : Impact of Agricultural Technology	Geetha R
Kakdwip Research Centre (KRC)			
Institute funded projects			
69.	FISHCIBASIL2 02302800179	Demonstration and dissemination of brackishwater aquaculture technologies for livelihood development of SC and ST communities of Sundarban	Debasis De
70.	FISHCIBASIL2 0230290180	Field validation and economic evaluation of effectiveness of Plankton Plus in agriculture, horticulture and aquaculture for livelihood improvement of SC and ST communities of India.	Debasis De
71.	FISHCIBASIL2 02303000181	Captive breeding and seed production of candidate brackishwater species of eastern region of India	Debasis De
72.	FISHCIBASIL2 02303100182	Development and demonstration of sustainable and economically viable brackishwater aquaculture models for Eastern region of India.	Sanjoy Das
Externally funded projects			
73.	FISHCIBASOL 202400500145	AINP on Ornamental Fish Breeding and Culture.	Dani Thomas
Navsari Gujarat Research Centre (NGRC)			
Institute funded project			
74.	FISHCIBASIL2 02303200183	Development of sustainable and cost-effective brackishwater farming technologies for shellfish and finfish in the western region.	Akshya Panigrahi
75.	FISHCIBASIL2 02303300184	Demonstrations of brackishwater aquaculture technologies for livelihood upliftment and skill development of tribal communities of Western region	Pankaj Amrut Patil
76.	FISHCIBASIL2 02303400185	Livelihood enhancement and skill development of SC communities in Gujarat through demonstration of brackishwater aquaculture technologies	Jose Antony
77.	FISHCIBASIL20 2501400195	Assessment and utilization of seaweeds from Western region for introduction to brackishwater farming system	Pragyan Dash
Externally funded projects			
78.	FISHCIBASOI2 02501500151	Mud crab box culture in aquaculture pond	Pankaj Amrut Patil