

IN-HOUSE PROJECTS

Sl. No	Project Code	Project Title	Principal Investigator	Associated scientists
Crustacean Culture Division				
1	FISHCIBASIL 202300100152	Evaluation of aquaculture potential of diversified crustacean species: <i>Penaeus japonicus</i> , <i>Scylla</i> spp and ornamental crustaceans	Dr. C.P. Balasubramanian	Dr. P. Nila Rekha Dr. Shyne Anand, Dr. Raymond Jani Angel, Shri R. Aravind, Dr. C. Siva
2	FISHCIBASIL 202300200153	Amelioration of soil and water under different geographical regions for sustainable aquaculture production	Dr. R. Saraswathy	Dr. C.P. Balasubramanian, Dr. M, Jayanthi, Dr. Akshaya Panigrahi, Dr. Satheesha Avunje Shri R. Aravind, Dr. M. Muralidhar Dr. T. Ravisankar, Dr. K. Ambasankar, Dr. M. Kumaran Dr. P Kumararaja, Shri Jose Antony, Shri Pankaj Amrut Patil, Dr. Moumita Ash
3	FISHCIBASIL 202300300154	Captive broodstock development and induced maturation techniques of kuruma shrimp, <i>Penaeus japonicus</i> Form II through hormonal/ environmental & dietary approaches	Dr. Shyne Anand	Dr. C.P. Balasubramanian, Dr. Raymond Jani Angel, Shri C. Siva, Dr.T. Sivaramakrishnan,

Finfish Culture Division				
4	FISHCIBASIL 202300400155	Upscaling the breeding and seed production of grey mullet (<i>Mugil cephalus</i>) and Magrove Red snapper (<i>Lutjanus argentimaculatus</i>)	Dr. M. Kailasam	Dr. R. Jayakumar, Dr. T. Senthil Murugan, Dr. M. Makesh Dr. Aritra Bera, Shri Dani Thomas, Dr. K. P. Sandeep, Dr. T. Sivaramakrishnan, Dr. R. Subburaj
5	FISHCIBASIL 202300500156	Characterizing and developing the indigenous fish cell lines to prove stemness and proliferation in seafood cell culture	Dr. M. Makesh	Dr. Kuldeep Lal K, Dr. T Bhuvaneswari, Dr. Aritra Bera, Dr. N. Lalitha
6	FISHCIBASIL 202300600157	Application of assisted reproductive techniques in breeding programmes for <i>Lates calcarifer</i>	Dr. Sherly Tomy	Dr. Kuldeep Lal K, Dr. M. Kailasam, Dr. M. Makesh , Dr. T. Senthil Murugan, Dr. B. Sivamani, Dr. Aritra Bera, Shri Dani Thomas, Dr. R. Subburaj, Dr. K. Ambasankar, Dr. T. Bhuvaneswari
7	FISHCIBASIL 202300700158	Broodstock development and captive maturation of Streaked spine foot <i>Siganus javus</i> & <i>S. lineatus</i>	Dr. R. Jayakumar	Dr. K.P. Kumaraguru Vasagam, Dr. M Kailasam, Dr. Sherly Tomy, Dr. K.P. Sandeep, Dr. Aritra Bera, Shri Dani Thomas;
8	FISHCIBASIL 202300800159	Optimization of larval rearing protocol and mass scale seed production of Goldlined Seabream <i>Rhabdosargus sarba</i>	Dr. T. Senthil Murugan	Dr. K.P. Sandeep, Shri Dani Thomas

9	FISHCIBASIL 202300900160	Development of base population for selective breeding on growth in pearlspot	Dr. B. Sivamani	Dr. M. Kailasam, Dr. Aritra Bera, Shri Dani Thomas, Dr. T. Sivaramakrishnan, Shri Pankaj Amrut Patil, Shri Jose Antony
10	FISHCIBASIL 202301000161	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>)	Dr. R. Subburaj	Dr. Aritra Bera, Shri Dani Thomas
Aquatic Animal Health & Environment Division				
11	FISHCIBASIL 202301100162	Genotyping and virulence analysis of white spot syndrome virus	Dr. M. Shashi Shekhar	Dr. Subhendu Kumar Otta, Dr. P. Ezhil Praveena, Dr. M. Poornima, Dr. T. Sathish Kumar,
12	FISHCIBASIL 202301200163	Evaluation of stress mediated immunological and physiological response in brackishwater candidate species by flowcytometry	Dr. M. Shashi Shekhar	Dr. M. Muralidhar, Dr. P.K. Patil, Dr. Sujeet Kumar, Dr. P .Kumararaja
13	FISHCIBASIL 202301300164	Application of gene editing technologies (CRISPR/Cas) for disease diagnosis	Dr. M. Poornima	Dr. Sujeet Kumar, Dr. J. Joseph Sahaya Rajan
14	FISHCIBASIL 202301400165	Interaction of Enterocytozoon hepatopenaei (EHP) and Vibrio spp. in disease outcome and their therapeutics	Dr. R. Ananda Raja	Dr. K. P. Jithendran, Dr. Sujeet Kumar, Dr. P. Kumararaja, Dr. T. Bhuvaneswari, Dr. Vidya Rajendran, Dr. T. Sathish Kumar, Dr. M. Shashi Shekhar, Dr. Vinaya Kumar Katneni, Dr. J.

				Joseph Sahaya Rajan, Shri N. Jagan Mohan Raj
15	FISHCIBASIL 202301500166	Aquaculture pond ageing on soil, water quality and crop productivity in shrimp culture ponds	Dr. P. Kumararaja	Dr. M. Muralidhar, Dr. R. Saraswathy, Dr. P. Ezhil Praveena, Dr. R. Geetha, Dr. A. Nagavel, Dr. J. Joseph Sahaya Rajan
16	FISHCIBASIL 202301600167	Fish diseases and their management with special reference to Amyloodinium ocellatum and other parasites	Dr. Vidya Rajendran	Dr. T. Bhuvaneswari, Dr. R. Ananda Raja, Dr. P.K. Patil, Dr. M. Makesh
17	FISHCIBASIL 202301700168	Field evaluation of Enterocytozoon hepatopenaei (EHP) therapeutic CIBA EHP cura I	Dr. T. Sathish Kumar	Dr. M. Kumaran, Shri Jose Antony, Dr. N. S. Sudheer
Nutrition & Genetics Biotechnology Division				
18	FISHCIBASIL 202301800169	Identification and evaluation of diversified feed ingredients for their utility in shrimp and fish feeds for sustainability	Dr. K. Ambasankar	Dr. J. Syama Dayal, Dr. N. Lalitha, Dr. K. P. Sandeep, Dr. T. Sivaramakrishnan
19	FISHCIBASIL 202301900170	Development, testing and demonstration of newer feeds and feed management strategies	Dr. K. Ambasankar	Dr. J. Syama Dayal, Dr. S. Kannappan, Dr. K. P. Kumaraguru Vasagam, Dr. N. Lalitha, Dr. Sherly Tomy, Dr. T. ;Sivaramakrishnan
20	FISHCIBASIL 202302000171	Collection and breeding of wild marine polychaete worms	Dr. S. Kannappan	Dr. R. Jayakumar, Dr. C. P. Balasubramanian, Shri R. Aravind R;

21	FISHCIBASIL 202302100172	Production and management of live feeds for use in aquaculture	Dr. K.P. Kumaraguru Vasagam	Dr. R. Jayakumar, Dr. S. Kannappan, Dr. T. Senthil Murugan, Dr. K.P. Sandeep, Dr. R. Aravind
22	FISHCIBASIL 202302200173	Molecular approaches for solutions directed towards the management of diseases and feed for aquaculture species	Dr. Vinay Kumar Katneni	Dr. Ashok Kumar, Dr. B Sivamani, Mrs. Mary Lini, Shri C. Siva, Dr. K. Ambasankar
Social Science Division				
23	FISHCIBASIL 202302300174	Demonstrations of ICAR-CIBA nursery and grow-out technologies for livelihood upliftment and skill development of SC and tribal communities of coastal Odisha	Dr. T. Ravisankar	Dr. P. Mahalakshmi, Dr. Akshya Panigrahi, Dr. Aritra Bera, Shri Biju IF
24	FISHCIBASIL 202302400175	Economic Analysis in brackishwater aquaculture production marketing and trade sectors	Dr. C. V. Sairam	Dr. T. Ravisankar Dr. R. Geetha R, Dr. P. Mahalakshmi
25	FISHCIBASIL 202302500176	Brackishwater Aquaculture Technologies Integrated with Agro-Based Technologies for Livelihood Development of Communities	Dr. B. Shanthi	Dr. P. Mahalakshmi
26	FISHCIBASIL 202302600177	Brackishwater aquaculture led integrated livelihood development for the coastal SC families in Mayiladuthurai district of Tamil Nadu	Dr. M. Kumaran	Dr. C. V. Sairam, Dr. K. P. Kumaraguru Vasagam Dr. R. Ananda Raja, Shri Dani Thomas, Shri C. Siva, Shri R. Aravind
27	FISHCIBASIL 202302700178	Diversification of farming activities for alternate sustainable livelihood of fisherfolk in Tamil Nadu and Karnataka	Dr. R. Geetha	Dr. Deboral Vimala, Dr. R. Jayakumar, Dr. M. Kailasam, Dr. P. Nila Rekha, Dr. T.

				Bhuvaneswari, Dr. T. Sivaramakrishnan, Dr. Aritra Bera, Dr. P. K. Patil, Dr. R. Subburaj R
Interdivisional Projects				
Kakdwip Research Centre				
28	FISHCIBASIL 202302800179	Demonstration and dissemination of brackishwater aquaculture technologies for livelihood development of SC and ST communities of Sundarban	Dr. Debasis De	Dr. Sanjoy Das, Shri I.F. Biju, Dr. Babita Mandal, Dr. N. S. Sudheer Dr. Moumita Ash
29	FISHCIBASIL 202302900180	Captive breeding and seed production of candidate brackishwater species of eastern region of India	Dr. Debasis De	Dr. Sanjoy Das, Dr. Babita Mandal, Dr. N. S. Sudheer, Shri Biju I.F, Dr. Moumita Ash,
30	FISHCIBASIL 202303000181	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	Dr. Debasis De	Dr. K. P. Sandeep Dr. P. Mahalakshmi, Shri Biju I.F, Dr. Moumita Ash, Dr. N. S. ;Sudheer
31	FISHCIBASIL 202303100182	Development and demonstration of sustainable and economically viable brackishwater aquaculture models for Eastern region of India	Dr. Sanjoy Das	Dr. Debasis De, Dr. Babita Mandal, Dr. N. S. Sudheer, Shri Biju I.F, Dr. Moumita Ash, Dr. C.V. Sairam

Navsari Gujarat Research Centre				
32	FISHCIBASIL 202303200183	Development of sustainable and cost-effective brackishwater farming technologies for shellfish and finfish in the western region	Dr. Akshaya Panigrahi	Shri Jose Antony, Shri Pankaj Amrut Patil, Dr. Ritesh Tandel, Mrs. Pragyan Dash
33	FISHCIBASIL 202303300184	Demonstrations of brackishwater aquaculture technologies for livelihood upliftment and skill development of tribal communities of Western region	Shri Pankaj Amrut Patil	Shri Jose Antony, Dr. P. Mahalakshmi, Dr. Akshaya Panigrahi;
34	FISHCIBASIL 202303400185	Livelihood enhancement and skill development of SC communities in Gujarat through demonstration of brackishwater aquaculture technologies	Shri Jose Antony	Shri Pankaj Amrut Patil, Dr. Akshaya Panigrahi, Dr. P. Mahalakshmi