

EXTERNALLY FUNDED PROJECTS

Sl. No	Project Code	Project Title	Funding Agency	Collaborative Inter-divisional/ Inter institutional	Principal Investigator	Co-PI's	Duration of the Project	Outlay (Rs. in Lakhs)
1.	FISHCIBASOL 202100100109	Captive Breeding of Hilsa, <i>Tenualosa ilisha</i> : Phase II	NASF		Dr. Debasis De	Ms. Babita Mandal,	Mar. 2021 – Feb. 2024	169.68
2.	FISHCIBASOL 202100200110	Development of grow-out technology for mass culture of sand and muddy polychaete worms and assessment of their seasonal nutritional profiling for use in shell and finfish hatcheries	DBT		Dr. S.Kannappan	Dr. C. P, Balasubramanian, Dr. R. Jayakumar Shri R. Aravind	Apr. 2022 – Apr. 2024	61.79
3.	FISHCIBASOL 202100400112	Solid state fermentation technology for development of cost effective customized plant	DBT		Dr. J. Syama Dayal	Dr. K. P. Sandeep, Dr. Sujeet Kumar	Jul. 2021 – Jul. 2024	72.77

		protein products as fishmeal alternate for shrimp feed						
4.	FISHCIBASOL 202100500113	Unravelling signatures of growth and salinity adaptation in <i>Etroplus surentensis</i> through omics approaches	DBT		Dr. Vinay Kumar Katneni	Dr. Kuldeep Lal K Project Co-ordinator, Dr. M. Shashi Shekhar, Dr. K. P. Kumaraguru Vasagam, Dr. Ashok Kumar Jangam, Dr. Raymond Jani Angel	Jul. 2021 - Jul. 2024	258.57
5.	FISHCIBASOL 202100800116	Precision brackishwater aquaculture using Machine Intelligence	DBT		Dr. M. Muralidhar	Shri Ashok Kumar Jangam, Dr. P. Kumararaja	Nov. 2021 - Nov.2024	63.80
6.	FISHCIBASOL 202100900117	Pilot Project on cage culture of Asian seabass, <i>Lates calcarifer</i> and Pearlspot <i>Etroplus suratensis</i> in brackishwater creeks as an alternate livelihood for coastal fisher folks of southern Gujarat	DOF, Gujarat		Shri Pankaj Amrut Patil	Shri Jose Antony, Dr. Kumaraguru Vasagam, Dr. R. Jayakumar,	Aug. 2021 - Jul. 2023	45.10-

7.	FISHCIBASOL 202200100118	Promotion of Integrated Multi-trophic Aquaculture (IMTA) Technology for income generation and optimum use of bio-resources	DBT		Dr. D. Deboral Vimala	Dr. T. Ravisankar, Dr. P. Nila Rekha, Dr. M. Kumaran, Dr. P. Mahalakshmi, Dr. T. Senthil Murugan, Dr. Kumaraguru Vasagam, Dr. S. Kannappan, Shri R. Aravind	Feb. 2022 – Feb. 2024	35.45
8.	FISHCIBASOL 202200200119	Development of indigenous shrimp (Indian white shrimp) aquaculture : Genetic improvement Program of <i>Penaeus indicus</i> , Phase - I	PMMSY		Dr. Akshaya Panigrahi	Dr. M. Jayanthi, Dr. C.P. Balasubramanian, Dr. S. Kannappan, Dr. P. Nila Rekha, Dr. Shyne Anand, Dr. T.N. Vinay, Shri Jose Antony, Shri I.F. Biju, Shri R. Aravind, Dr. M. Shashi Shekhar, Dr. K. Vinaya kumar, Dr. B. Sivamani, Dr. S. K. Otta, Dr. R. Ananda Raja, Dr. M. Kumaran, Dr. P. Mahalakshmi, Dr. Ambasankar, Dr. J. Syama Dayal, Dr. K. P. Kumaraguru	Jun. 2022 – Mar. 2025	250.44

						Vasagam, Dr. M. Muralidhar		
9.	FISHCIBASOL 202200300120	Novel approaches for disease-free health certification in finfish and development of high health shrimp for sustainable aquaculture	NASF		Dr. Subhendu Kumar Otta	Dr. Akshaya Panigrahi, Dr. P. Ezhil Praveena, Dr. T Bhuvaneswari	May 2022 – Apr. 2025	47.2575
10.	FISHCIBASOL 202200400121	Establishment of DBT Rural Bioresources Complex at Ramanathapuram District, Tamil Nadu	DBT		Dr. P. Mahalakshmi	Dr. K. P. Sandeep, Dr. Debasis De	Feb 2022- Feb. 2024	10.15
11.	FISHCIBASOL 202201100127	Demonstration of viable farming protocols for indigenous brackish water seaweed species for income generation among coastal folks	NFDB		Dr. P. Nila Rekha	Dr. R. Jayakumar, Shri R. Aravind	Nov. 2022 – Nov. 2024	21.95

12.	FISHCIBASOL 202300100133	Biofortification of trace elements in biofloc based aquaculture - microbial mediated approach for value added healthy shrimp and fish production	DBT		Dr. Akshaya Panigrahi	Dr. Kumaraguru Vasagam, Dr. N. S. Sudheer, Dr. Aritra Bera, Dr. J. Syama Dayal	Jan. 2023- Jan 2026	82.08
13.	FISHCIBASOL 202301300130	Development and demonstration of artificial intelligence based precision aquaculture technologies	NABARD		Dr. P. Nila Rekha	Dr. K. Ambasankar, Dr. Deboral Vimala, Dr. Kumaraguru Vasagam	Mar 2023- Mar 2025	24.79
14.	FISHCIBASOL 202300300135	Genome sequencing and its application for Brackishwater Aquaculture	DBT		Dr. M. S. Shekhar	Dr. Ashok Kumar Jangam, Dr. Vinay Kumar Katneni, Dr. Raymond Jani Angel,	Sept 2023- Sept 2026	245.42
15.	FISHCIBASOL 202300400136	New age shrimp rearing system for precise use of land, water and feed	PMMSY, DoF, New Delhi		Dr. Kumaraguru vasagam	Dr. K. Ambasankar, Dr. S. Kannappan, Dr. Akshaya Panigrahi, Dr. M. Kumaran, Shri R. Arvind	Apr 2023- Mar 2026	221.00

16.	FISHCIBASOL 202300500137	Development and pilot scale implementation of crop insurance solution for sustainable shrimp farming	NFDB		Dr. Ravisankar	Dr. C.V. Sairam, Dr. M. Muralidhar, Dr. M. Kumaran Dr. R. Ananda Raja, Dr. R. Geetha	Nov. 2023- Nov. 2024	13.25
17.	FISHCIBASOL 202300600138	Atlas of Climate Adaptation in South Asian Agriculture	ICAR-BISA		Dr. Ashok Kumar Jangam	Dr. M. Muralidhar, Dr. M. Kumaran	Apr 2023- Mar 2026	27.86
18.	FISHCIBASOL 202300700139	Unravelling signatures of dietary protein sparing and fibre tolerance in Penaeus vannamei for development of cost effective feeds through omics approaches	DBT		Dr. Syama Dayal	Dr. K. Ambasankar, Dr. Vinaya Kumar Katneni Dr. J. Ashok Kumar	Sept 2023- Sept 2026	86.10

19.	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	NASF		Dr. Akshaya Panigrahi	Dr. Kumaraguru Vasagam, Dr. T. Sivaramakrishnan Dr. M. Kumaran Dr. P. Kumararaja Shri R. Aravind	Apr. 2023- Mar. 2025	216.56
20.	FISHCIBASOL 202300900141	Geospatial mapping of potential zones for the expanding responsible aquaculture in Maharashtra	DoF, Govt. of Maharashtra		Dr. M.Jayanthi	Dr. M. Kailasam, Dr. M.Muralidhar, Shri Pankaj Amrut Patil, Shri R. Aravind	Dec. 2023	95.00