

EXTERNAL AIDED PROJECTS

Department of Aquaculture

Sl No	Project	Funding Agency	Amount	Name of PI/Co-PI	On-going/Completed
1	Organic farming, broodstock development and seed production trials in <i>Penaeus monodon</i>	COOP-Switzerland, ,	Rs. 8.8 lakh	Dr. K. Dinesh, PI	On-going 2020-Present
2	Effect of mineral application on water quality and performance of <i>P. vannamei</i> in earthen ponds.	Kemin Industries Soutasia Pvt. Ltd., .	Rs. 5.88Lakh	Dr. K. Dinesh, PI	Completed 2018-2019
3	Eco-friendly high yielding technologies for enhanced production from fresh water fish farming through participatory approach	RKVY;;	Rs.20.274 Lakh	Dr. Shyama. S, PI	Completed 2009-2013

Department of Aquatic Animal Health Management

Sl No	Project	Funding Agency	Amount	Name of PI/Co-PI	On-going/Completed
1.	Disease Diagnosis and Quality Testing Laboratory	PMMSY, Govt. of India and Govt. of Kerala	Rs 9.75 crores	Dr.Devika Pillai	Ongoing 2020

2.	Surveillance for the prevalence of AMR	Department of Fisheries, Government of Kerala	Rs 9.60 lakhs	Dr. Devika Pillai	Ongoing
3	The implications of <i>Tinosporacordifolia</i> in circumventing the oxidative stress on fish induced by nano-TiO ₂ ,	KSCSTE	Rs 22.67 lakhs	Dr. Vineetha V.P, Post doctoral fellow Dr Devika Pillai (Mentor)	Ongoing
4.	National Surveillance Programme on Aquatic Animal Diseases (NSPAAD)	NFDB	76.43 lakhs	Dr.Devika Pillai (PI) Dr. B. Manojkumar (Co-PI) Dr.Safeena M.P. (Co-PI)	Ongoing (2013-2020)
5.	Setting Up of Aquatic Animal Health and Environment Management Laboratory (AAHEL)at the Kerala University of Fisheries and Ocean Studies, Kochi - A Referral Laboratory for the State of Kerala"(PI)	National Fisheries Development Board, Hyderabad	Rs 56 lakhs	Dr.Devika Pillai	Completed 2014-17
6.	Distribution of gelatinous zooplankton in the west coast of India and their identification (Co-PI)	CMLRE, Ministry of Earth Sciences	76 lakhs	Dr.Manoj Kumar (PI) Dr.Devika Pillai (Co-PI)	Completed 2012-2017

7.	Shrimp Disease Surveillance in the State of Kerala and formulation of the best health management practices with respect to each region (RashtriyaKris hiYojana (RKVY)	27.818 lakhs	Dr.Devika Pillai (PI) Dr. B. Manojkumar (Co-PI) Dr. K.Dinesh (Co-PI)	Completed 2009-2012
8.	Characterization of different stocks of <i>M. rosenbergii</i> and genetic improvement through selective breeding (Co-PI)	Department of Fisheries, Kerala	13.1472 lakhs	DevikaPillai (Co-PI)	Completed 2008-2011
9.	Biodiversity of cultivable air breathing fishes of Kerala and development of appropriate culture strategies for <i>H.fossilis</i> and <i>Clarius</i> spp.	Department of Fisheries, Kerala	20.78 lakhs	Dr.Devika Pillai (Co-PI)	Completed 2008-2011
10.	ICAR Seed project-“Seed production in agriculture crops and fisheries”	Indian Council of Agricultural Research (ICAR)	44.21 lakhs	Dr.DevikaPillai (Co-PI)	Completed 2005-2011
11.	Establishment of an aquaclinic at the College of Fisheries, Panangad	RashtriyaKris hiVikasYojana (RKVY)	15 lakhs	Dr.Devika Pillai (PI)	Completed 2007-2010

12	Development of a detection kit for white tail disease of <i>M. rosenbergii</i> by loop mediated isothermal amplification (LAMP)	Department of Biotechnology (DBT)	26.59 lakhs	Dr.Devika Pillai (PI)	Completed 2006-2009
13	The impact of one crop paddy- one crop prawn rotational farming on environment and socio-economics in Kuttanad	ADAK	5.06 lakhs	Dr.Devika Pillai (Co-PI)	Completed 2006-2008
15	Environmental and socio-economic impacts of aquaculture in pokkali fields of Kerala	ADAK, Govt. of Kerala	8.41 lakhs	Dr.Devika Pillai (Co-PI)	Completed 2006-2008
16	Isolation, purification and characterization of antibacterial agent and anticancer agent from the accessory nidamental gland and ink of the cuttlefish, <i>Sepia pharaonis</i> Ehrenberg (Co-PI)	DBT, Govt. of India, New Delhi.	22. 732 lakhs	Dr.Devika Pillai (Co-PI)	Completed 2004-2007
17	Production of bioactive substances from squid and cuttlefish processing wastes” (Co-PI).	NATP	26.87 lakhs	Dr.Devika Pillai (Co-PI)	Completed 2001-2003

Department of Aquatic Environment Management

Sl No	Project	Funding Agency & the amount		Name of PI/Co-PI	On-going/Completed
1.	Studies on the Occurrence, Distribution and Composition of microplastics along the Kerala coast with emphasis on their manifestation in food chain of nearshore communities	DST	39.80 lakhs	Dr. Ranjeet K	On-going (2018-21)
2.	Transcriptome analysis and gene expression studies to elucidate Heterogeneous Individual Growth in <i>Macrobrachium rosenbergii</i> for ensuring sustainable aquaculture production	DBT	39.43 lakhs	Dr. Ranjeet K	On-going (2018-21)
3.	Risk assessment and impacts of aquaculture species on native fish diversity in the downstream and upstream areas of Mullaperiyar Reservoir, Periyar River, Kerala	KSCSTE	14.17 lakhs	Dr. Roshni K	On-going (2019-22)
4.	Current status of fish diversity of Sasthamkotta lake with particular focus on pearl spot, <i>Etroplus suratensis</i>	SWAK	10.00 lakhs	Dr. Ranjeet K (Co-PI)	Ongoing (2020-22)
5.	Studies on the habitat dynamics and trophic level interaction of invasive fish groups in Chalakudy river systems, Southern Western Ghats	KSCSTE	9.45 lakhs	Dr. Renjithkumar CR	Completed (2018-20)
6.	Impact of Kerala floods/landslides on single location endemic fish species	KSBB	2.25 laks	Dr. Ranjeet K (Co-PI)	Completed 2018-19
8	Hypoxia and its	INCOIS	31 Lakhs	DrAnuGopina	On going

	Consequences in the Coastal Waters off Kochi	Ministry of Earth Science Government of India.		th (PI) Dr S M Raffi and Dr M.P. Prabhakaran (Co-PIs)	2018-2021
9	Species inventory, distribution and exploitation pattern of fish faunal resources of Kole wetlands	Directorate of Environment and Climate Change, Government of Kerala. /-	Rs. 13,32,000	DrAnuGopinath (Co-PI)	On-going 2017 onwards
10	Sedimentary Organic Compounds from Arctic Fjords	MOES and NCPOR	NA	DrAnuGopinath (PI) - Indian Arctic Expedition Team member	On-going
11	Establishment of wave observation at two locations off Kerala coast - verification and dissemination of forecasts advisories and user interaction workshops	INCOIS Ministry of Earth Science Government of India.	38,97,800/	Dr S M Raffi (PI) Dr Anu Gopinath & Dr M.P. Prabhakaran (Co-PIs)	On-going 2018-2021
12	Isolation and characterization of alkaloids from the mangrove plant Rhizoporaceae family and its investigations on their anti-bacterial and anti - diabetic activities	Back To Lab Programme of KSCSTE Kerala	Rs14 ,17, 200	DrResmi P (Mentor DrAnu Gopinath)	On-going (2019-22)
13	Large Scale cultivation of microalgae in outdoor Biofilm photobioreactors for the production of C-Phycocyanin	Back To Lab Programme of KSCSTE Kerala	Rs4,72,400	DrJitha G (Mentor DrAnu Gopinath)	On-going (2020-21)
14	Salp-Cnidarian-Ctenophore trophodynamic interactions on the krill centred ecosystem in the Indian Ocean sector of Southern Ocean during Austral summer and its	MOES and NCPOR	NA	DrAnuGopinath (PI) (Southern Ocean Expedition)	On-going 2019-2021

	possible impacts on carbon cycle				
15	Role of Mycosporine amino acids in preventing coral bleaching	KSCSTE	13.9 Lakhs	DrAnuGopinath (PI)	Completed 2016-19
16	Biogeochemical factors and Ecosystem Dynamics of Coral Reefs of Lakshadweep Archipelago	DST Fast Track Scheme,	23.7 lakhs	DrAnuGopinath (PI)	Completed 2013-2017
17	Assessment of Trace Metals in the Sediments, Bivalves and Fishes of the Cochin Estuary and its adjacent shelf	Postdoctoral Programme , KSCSTE, Kerala	Rs 8,40,000	Dr Martin G D (PI) and Dr Anu Gopinath (Mentor)	Completed (2015-2018)

Department of Fisheries Resource Management

Sl No	Project	Funding Agency	Amount	Name of PI/Co-PI	On-going/ Completed
1	Systematics, phylogeny, life history traits , distribution and stock assessment of Cutlass fishes and Snake mackerals occurring in Indian Waters	Ministry of Earth Sciences	Rs. 9043752	Dr. M. K. Sajeevan (PI)	Ongoing 2018-2021
2	Impact of Kerala floods on the population status and habitat of point endemic fishes	Kerala State Biodiversity Board	Rs2,25,000	Dr. Rajeev Raghavan (PI)	Completed (2018-2019)
3	SubTerFish: diversity, distribution and	Department of Environment and Climate	Rs 25,00,000	Dr. Rajeev Raghavan	Ongoing

	threats to subterranean fishes of Kerala	Change (DoECC), Government of Kerala		(PI)	2020-2022
4	Fish diversity of Sasthamkotta Lake with special reference to the status of Pearl Spot, <i>Etroplussuratensis</i>	State Wetland Authority (Kerala) SWAK	Rs10,00,000	Dr. Rajeev Raghavan (PI)	Ongoing (2020-2022)
5	Species inventory, distribution and exploitation pattern of fish faunal resources of Kole wetlands	Directorate of Environment and Climate Change (DoECC), Govt. of Kerala	13.2 Lakhs	PI: Dr. Anvar Ali P H Co PI: Dr. AnuGopin ath	Ongoing (2020-2022)
6	Enhancing reservoir fish production and creation of livelihood opportunities for the local community in Munnar landscape	GoI- GEF- UNDP Inia High Range Mountain Landscape Project	52.5 Lakhs	PI: Dr. Anvar Ali P H Dr. S. Sureshku mar Dr. Limnamol Dr. ChiranjivP radhan	Ongoing (2020-2022)
7	Unravelling signatures of growth and salinity adaptation in <i>Etroplussuratensis</i>	Department of Biotechnology, Ministry of Science and technology,	Total project cost: 2.86 Crores KUFOS component : 10	PI: Dr. Anvar Ali P H Co PI: Dr. ChiranjivP	Ongoing (2021—22)

	through omics approaches	Govt. of India CIBA – KUFOS Collaborative project	lakhs	radhan	
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Department of Fish Processing Technology

Sl No	Project	Funding Agency	Amount	Name of PI/Co-PI	On-going/Completed
1	National Surveillance Programme For Aquatic Animal Diseases	NFDB	76.43 lakhs	Dr. Safeena, M.P Co-PI	Ongoing
2	Characterization of Cellular and Molecular Mechanisms involved in Fish Lectins and its Potential Role in Innate Immune Defense and Therapeutics	SERB – Early Career Grant	39.62	Dr.E.P.Preetham P.I.	Completed 2016-2019

School of Ocean Science and Technology

Sl No	Project	Funding Agency	Amount	Name of PI/Co-PI	On-going/Completed
1	Establishment of wave observation at two locations off Kerala coast: verification & dissemination of forecasts, advisories & user interaction	INCOIS (Ministry of Earth Sciences, Govt. of India)	Rs. 38.00 Lakhs	Dr. S. Suresh Kumar (PI)	On going

	workshops				
2	Synergistic application of earth observation data – microwave SAR, IR and visual data for the validation of ocean state forecast for Northern Kerala”	INCOIS (Ministry of Earth Sciences, Govt. of India)	Rs. 17.44 Lakhs	Dr. S. Suresh Kumar (Co-PI)	On going (2018-2020)
3	Identifying novel targets from marine sources for therapeutics in alzheimer’s diseases	Department of Health Research, ICMR	Rs. 31.45 Lakhs	Dr. Sreejalakshmi P .V (PI)	Completed (2017-2020)
4	Influence of monsoon related drivers on the bio-productivity of the southwest coast of India	Department of Science and Technology, New Delhi.	Rs. 25.06 Lakhs	Dr. Suneela S. S	On going (2019-2022)
5	Diversity and biotic potential of yeasts from the mangroves of Central Kerala	Kerala State Council for Science Technology and Environment)	Rs 12,51,800/-	Dr.K.Manjusha (PI from 2018-20, Co-PI 2020-21)	On going (2018-2021)
6	Enhancing reservoir fish production and creation of livelihood opportunities for the local community in Munnar landscape	GoI- GEF-UNDP Inia High Range Mountain Landscape Project	52.5 Lakhs	Dr. S. Suresh Kumar (Co-PI) Dr.V.P.LimaMol	On going (2020)

School of Management and Entrepreneurship

Sl .No.	Project	Funding Agency	Amount	Name of PI/Co-PI/team	Status
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1	INDO MARECLIM Project on Seasonal Variations in Fish Landings and its Impact on the livelihood of the Fisherfolk of South-West Coast of India (Kerala).	NANSEN Environmental Research Centre (India).	8.0 Lakh	1.Dr.V.Ambilikumar -Principal Investigator 2.Dr.M.S.Raju - Co-Principal Investigator 3. Shri.Mathew Sebastian -Co-Principal Investigator	Completed (2015)
2	Impact Assessment Study of Mahatma Gandhi National Rural Employment Guarantee Scheme in Alappuzha District	State Institute of Rural Development, Kerala	5.4 Lakhs	1.Dr.V.Ambilikumar -Principal Investigator 2.Dr.M.S.Raju - Co-Principal Investigator 3. Shri.Mathew Sebastian -Co-Principal Investigator	Completed (2014)
3	Ornamental Fish Culture for Income and Employment Generation & to enhance the Socio-Economic status of the Rural Population of Kumbalam Panchayat, Kanayannur Taluk, Ernakulam District, Kerala State, India	Department of Bio-Technology, Govt. of India	20 Lakh	1.Dr.T.V.Anna mercy -Principal Investigator 2.Dr.V.Ambilikumar -Co-Principal Investigator	Completed (2010)