

Institutional Projects

SL	Project Title	Personnel	Period
Molecular Biology and Biotechnology Division			
1	Development of an <i>in vitro</i> toxicity assessment system for aquatic pollutants.	M. Goswami (upto 2015, N.S. Nagpure (upto Dec., 2015), S.K. Majhi (PI), and A. K. Mishra	April, 2014 - November, 2017
2	Development of surrogate broodstock for propagation of valuable fish	S.K. Majhi (PI), B. Kushwaha and S. Raizada (up to Dec. 31,2015)	April, 2014 - November, 2017
3	Population genomics of <i>Clarias magur</i> based on Restriction site associated DNA (RAD) markers	Mahender Singh (PI), N.S. Nagpure (upto Dec., 2015, Ravindra Kumar, A.K. Pathak, Murali, S. and A.K. Singh.	April, 2014- March, 2017
Fish Conservation Division			
4	ICAR-CRP on Genomics: De-novo gene sequencing of anadromous Indian Shad <i>Tenuulosa ilisha</i> (Hamilton, 1822) (ICAR-CRP)	Vindhya Mohindra (PI), Rajeev Kr. Singh, B. Kushwaha and Trivesh Mayekar	April, 2015- March, 2017
5	Information-base on fish genetic resources of India	SP Singh (PI upto 31.7.15), S. Raizada (PI upto 31.12.15), Rehana Abidi (PI from Feb 2016), TT Ajithkumar, A.K. Pathak, R. Dayal, Reeta Chaturvedi and Ravi Kumar	April, 2012- March, 2015, extended up to March, 2017
6	Signatures of natural selection and genomic diversity in important freshwater fish species, <i>Tor putitora</i> and <i>Clarias magur</i>	Vindhya Mohindra (PI), Santosh Kumar and Trivesh Mayekar	April, 2014- March, 2017
7	Establishment of mapping and marker panel for first generation linkage Map in Indian Catfish, <i>Clarias magur (batrachus)</i>	Rajeev Kumar Singh (PI), T.T. Ajith Kumar and Santosh Kumar	April, 2014- March, 2017
8	Outreach Activity on Fish Genetic Stocks-Phase II	J.K. Jena (Coordinator), Rajeev Kumar Singh (PI), Vindhya Mohindra, T.T. Ajith Kumar, Sangeeta Mandal and Santosh Kumar	April, 2014- March, 2017
9	Exploration and assessment of fish diversity and traditional ecological knowledge in selected riverine and wetland ecosystems.	L.K. Tyagi (PI), A.K. Pandey, A.K. Pathak, Sangeeta Mandal, A.S. Bisht and Sanjay Kr. Singh	April, 2012 – March, 2016
10	Participatory programme on exploration and characterization	L.K. Tyagi (Coordinator), V. Mohindra and Rajeev Kr Singh	October, 2012- March, 2017

	of fish germplasm resources and indigenous knowledge in North-eastern region of India.		
11	Documentation and development of passport information of exotic food and ornamental fishes in India.	Peyush Punia (upto April 28, 2015), S. Raizada (upto Dec., 2015), T.T. Ajithkumar (PI), Rejani Chandran, Aditya Kumar and Rajesh Dayal	April, 2014 – March, 2017
12	Techno-legal analysis of policy issues and patents for strategic management of fish genetic resources.	Poonam J. Singh (PI), Rehana Abidi, A.K. Pandey, Amar Pal, Ravi Kumar and A.S. Bisht	April, 2015 – March, 2018
Fish Health Management Division			
13	Exploration of finfish parasites of river Gomti particularly protozoans and monogeneans through conventional and molecular techniques.	Rehana Abidi (PI), S.M. Srivastava, Amar Pal and Ranjana Srivastava	April, 2014 - March, 2017
14	Development of an immune marker and understanding host- <i>Aphanomyces invadans</i> interaction using a macrophage cell line.	Neeraj Sood (PI), and P.K. Pradhan and Mary Lini	April, 2014 - March , 2017
15	Deciphering <i>Aphanomyces invadans</i> genome to understand its mechanism of infection in fishes	PK Pradhan (PI) Vindhya Mohindra, Rajeev Singh, Neeraj Sood	April, 2015 - March, 2017
Peninsular and Marine Fish Genetic Resources Centre, Kochi			
16	Genetic stock - structure analysis of <i>Parapenaeopsis stylifera</i> and <i>Scomberomorus commerson</i> along the Indian coast using molecular markers.	P.R. Divya (PI), V.S. Basheer, A. Kathirvelpandian and Mog Lebrachai Chowdhury	April, 2013 – March, 2016
17	Exploration of the Western Ghats Wetlands for Indigenous fishes and extent of invasion of exotic fishes.	V.S. Basheer (PI), T. Raja Swaminathan, P.R. Divya, A. Kathirvelpandian and Charan Ravi	April, 2013 – March, 2016
18	Development of DNA chip for identification of commercially important fish species of Indian waters.	A Kathirvelpandian (PI), Toms C Joseph (CIFT), L Mog Chaudhury and Murali S	April, 2015 – March, 2018
19	Establishment of spermatogonial stem cell line (SSC) from endemic fish of the Western Ghats.	T. Raja Swaminathan (PI), and Charan Ravi	April, 2015- March, 2018