

List of Research Projects (as on 15th July 2017)

Intramural Research Projects (IRP): Funded by Central Agricultural University, Imphal

Sl. No	Project Title	Investigator	Date of Start (DOS)	Date of Completion (DOC)	Extensi on if any	Status (Completed/ Ongoing)
1	Micro-economic analysis of fish production and marketing systems in South Tripura District of Tripura	Dr. Kehar Singh	01.04.04	31.03.05	No	Completed
2	Karyotyping and development of C,G and NOR banding of <i>Ompokbimaculatus</i> , <i>Ompokpabo</i> and <i>Ompokpabda</i>	Dr. Rupam Sharma	08.09.04	07.08.05	No	Completed
3	Taxonomy & ecology of parasites associated with fresh water fishes in Agartala	Dr. R.K. Saha	01.09.04	31.08.05	No	Completed
4	Status of fishing gears and crafts of West and South Districts of Tripura	Er. B.K. Singh	01.07.06	30.6.07	No	Completed
5	Studies on the biochemical characteristics of “lonailish” (a salt fermented fish products) of Agartala dry fish market)	Dr. R.K. Mazumdar	16.10.06	15.10.07	No	Completed
6	Constraints in transfer of improved aquaculture technology in West Tripura Districts of Tripura	Dr. D.K. Pandey	09.10.06	08.10.07	No	Completed
7	Status of fish breeding in private and government sectors in West and South Districts of Tripura	Dr. Rupam Sharma	27.10.06	26.10.07	No	Completed
8	Assessment of training needs of fishery officers of Tripura	Dr. D.K. Pandey	16.10.06	15.04.07	No	Completed
9	Assessment of microbial profile in <i>Shidal</i> (an indigenous fermented fish of North East)	Dr. Arman U. Muzaddadi	01.11.06	31.10.07	No	Completed
10	Taxonomy and ecology of parasites associated with freshwaters fishes in Agartala	Dr. R.K. Saha	01.01.07	31.12.08	No	Completed
11	Evaluation of the effect of a balanced diet on reproductive and larval performance of pabda	Dr. P.K. Pradhan	01.02.07	31.01.08	No	Completed
12	Mapping of the indigenous ornamental fish resources of South Tripura District and identification of the potential species for ornamental production	Mr. S.C. Mandal	01.04.07	31.03.08	No	Completed
13	Preparation and marketing of fish pickle	Dr. R.K. Majumdar	20.08.07	16.05.08	No	Completed
14	Immuno-Hematological Characteristics of EUS-affected fish in Tripura	Dr. Dibyendu Kamilya	03.08.09	02.08.10	No	Completed
15	Preparation and assessment of canned vegetable-fish mixed curry in standard OTS cans	Dr. Arman U. Muzaddadi	24.08.09	23.08.10	No	Completed
16	Development of fish based extruded food products by utilization of locally available low priced fish	Dr. R. K. Majumdar	17.08.09	16.08.10	No	Completed

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17	Development of Fisheries Resources Info-Base of Tripura	Dr. A.D. Upadhyay	03.08.09	02.08.10	No	Completed
18	Screening the effect of an Indian herb <i>Andrographis paniculata</i> (Kalmeg) on the health status of Indian Major Carp <i>Labeo rohita</i>	Dr. Ashutosh D. Deo	01.09.09	31.08.10	No	Completed
19	Knowledge and adoption of improved practices of carp production at Tripura in India	Dr. Biswarup Saha	11.08.09	10.08.10	No	Completed
20	Technology Assessment, Standardization and Acceleration of <i>Shidal</i> (indigenous fermented fish) Production in North East India	Dr. Arman U. Muzaddadi	01.05.10	30/04/11	No	Completed
21	Performance evaluation of water harvesting structure in upland of Tripura for rearing of carp seed.	Dr. M.K. Datta	01.01.12	31.12.12	No	Completed
22	Evaluation of growth performance of silver carp (<i>Hypophthalmichthys molitrix</i> , <i>Ham</i>) in acidic water based poly-culture system in Tripura	Dr. M.K. Datta	01.02.11	31.01.12	No	Completed
23	Development of silage-based formulated fish feed by utilizing fish offals	Dr. R.K. Majumdar	01.02.11	31/01/12	No	Completed
24	Effect of feeding strategies on captive breeding of Indigenous ornamental fish species, <i>Colisa fasciata</i> and <i>Danio rerio</i> in Tripura	Dr. S. C. Mandal, Asst. Prof. (SS)	1/5/2012	31/10/14	Yes	Completed
25	Effects of storage temperature on the maturation period of shidal (indigenous fermented fish of Tripura)	Dr. Arman U. Muzaddadi	23/9/2011	22/9/12	No	Completed
26	Application of curing technology on <i>Pangasius</i> sp. with special emphasis on acceptability and economic feasibility	Ms. Bahni Dhar Asstt. Prof	21/09/12	31/12/03	Yes	Completed
27	Development of ready to cook shrimp analogue from <i>Pangasius sutchi</i> (Fowler, 1937)	Mrs. Bhargavi Priyadarshini Asstt. Prof. (FPT)	12/9/2012	26/08/14	Yes	Completed
28	Assessment of livelihood security of the fishers in the vicinity of Rudrasagar lake, Tripura	Dr. Biswarup Saha	21/08/12	20/08/13	No	Completed
29	Population characteristics and stock assessment of commercially important indigenous fishes of Tripura	Dr. K. V. Radhakrishnan Asst. Prof.	24/07/13	23/07/15	Yes	Completed
30	Evaluation of different larval feeds and live foods for larval development of Pabda (<i>Ompok bimaculatus</i> , Bloch, 1794)	Dr. P. Biswas Asst. Prof.	20/06/13	19/12/14	Yes	Completed
31	Some biological studies of <i>Ompok pabda</i> (Hamilton, 1822) – an endangered fish species of Tripura)	Mrs. P. Bhattacharjee Asst. Prof. (SS)	2/8/2013	2/8/2014	Yes	Completed
32	Micro Economic Analysis of Species Diversification in Small Fish Farming of Tripura	Dr. A. D. Upadhyay Asst. Prof. (SS)	23-02-15	31-03-16	Yes	Completed

Externally Funded Research projects

Sl. No	Project Title	Investigator	Date of Start (DOS)	Date of Completion (DOC)	Extensi on if any	Status (Completed/ Ongoing)
1	Strategy & Approach for Comprehensive Development of Fisheries Involving Community Based Programmes with Special Reference to NE Region	Dr. H. Tombi SinghDean i/c	1/4/2004	31-03-06	No	Completed
2	Assessment of the utility of periphyton based aquaculture systems in enhancing productivity through farmer participatory research	Dr. Sukham Munilkumar	01.01.05	31.12.07	No	Completed
3	Utilization of small indigenous fish species of North-East India for product development	Dr. M. Karthikeyan	17/01/03	31/08/06	No	Completed
4	Priority setting, Monitoring & Evaluation (MPE) Cell under the aegis of PME sub project of NATP	Dr. K. Singh Asstt. Prof	16.02.04	15/02/05	No	Completed
5	Techno-socioeconomic evaluation of aquaculture practices & identification of strategies to ensure fish for all in Tripura state	Dr. M.C. Nandeeshha				Completed
6	Biology, population dynamics and nutritional values of <i>Bosmina tripurae</i> – a new micro-crustacea in aquaculture	Dr. R. K. Saha	21/03/05	20/03/08	Yes	Completed
7	Livelihood Improvement and Empowerment of Rural Poor through Sustainable Farming System in North East India: Dhalai district of Tripura. Component - III	Dr. R. K. Saha	05.11.07	31/03/14	Yes	Completed
8	Inventorisation of Fish Biodiversity Resources of Tripura	Mrs. P. Bhattacharjee	3/8/2009	3/8/2010	No	Completed
9	Technology Assessment, Standardization and Acceleration of Shidal (indigenous fermented fish) Production in North East India	Dr. A. U. Muzaddadi	30/12/09	29/12/2011	No	Completed
10	Molecular characterization of type-I Interferon of Indian major carps and its application as on adjuvant for fish vaccination with NBFGR	Dr. Janmejay Parhi	30/11/12	30/08/15	Yes	Completed
11	Development of Novel Microsatellite in <i>Channa</i> Species (Channidae: Perciformas) from North East for Coservation Genetics	Dr. Anindya Sunder Barman	11.04.12	10.04.17	No	Completed
12	Exploration and characterization of fish germplasm and indigenous fisheries knowledge of major rivers of Tripura	Mrs. P. Bhattacharjee	17/09/12	30/09/15	No	Completed
13	Improvement of safety and quality of transglutaminase mediated restructured fish products by bioactive phenolics and terpenoids	Dr. R.K. Majumder	30/11/12	30/05/16	Yes	Completed
14	Fermented Fish Products of North East India: Characterization of microbes and their healthful metabolites for application and scale up	Dr. R.K. Majumder	6/12/2012	6/6/2016	Yes	Completed
15	Inventorisation, Characterisation and documentation of local knowledge on fishes in the two Himalayan Rivers: Teesta and Rangit in Sikkim State	Dr. K. V. Radhakrishna n	1/10/2012	31/03/2015	Yes	Completed

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16	Development of a 'Biofloc-probiotic' integrated system for aquaculture bioremediation and fish health management	Dr. Dibyendu Kamilya	2/9/2013	1/9/2016	Yes	Completed
17	Development of Indices of Habitat Suitability (HIS) and Biotic Integrity (IBI) for fish and Habitat conservation in Teesta River	Dr. K. V. Radhakrishnan	15/07/2015	31/03/2017	Yes	Completed
18	Socio Economic aspects of value-chain analysis of dry fish in NE Region in India	Dr. A. D. Upadhyay	1/4/2015	31-12-2016	Yes	Completed
19	Mega Seed Project (Seed Production of Agriculture and Allied Crops)	Dean, COF	09.01.06	Ongoing		Ongoing
20	Establishment of Institution Level Biotech Hub	Dr. Janmejay Parhi	30/11/12	Ongoing	Yes	Ongoing
21	Centre of Excellence in Fisheries and Aquaculture Biotechnology (FAB-COE)	Dean, COF	25.09.12	Ongoing		Ongoing
22	Establishment of Bioinformatics infrastructure facility for biology teaching through bioinformatics	Dr. A. D. Upadhyay	28-05-2013	Ongoing		Ongoing
23	Exploration and inventorization of the fish germplasm from rivers of Mizoram and its associated indigenous knowledge	Dr. A. S. Barman	28.05.13	ongoing	Yes	Ongoing
24	National surveillance programme for aquatic animal diseases	Dr. R. K. Saha	23/08/13	Ongoing	Yes	Ongoing
25	Transcriptome profiling in <i>Labeo rohita</i> to identify iron toxicity responsive genes and development of type I marker	Dean, COF /Dr. M. Singh	08.09.2013	Ongoing	Yes	Ongoing
26	Identification and characterization of Aquaporin gene from fresh water catfish, <i>Clarias batrachus</i> and their expression during reproductionx	Dr. Janmejay Parhi	29/01/14	Ongoing	Yes	Ongoing
27	Utilization of Detoxified Rubber Seed Cake in Aquafeed	Dr. R. K. Saha	13/02/14	Ongoing	Yes	Ongoing
28	Molecular characterization of leptin in Indian major carps.	Dr. Dibyendu Kamilya	9/4/2014	Ongoing	Yes	Ongoing
29	Dietary supplementation for restoring health and growth of fish during chronic exposure to water borne iron and acidity in Tripura	Dr. R. K. Saha	26/09/14	Ongoing	Yes	Ongoing