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ANNUAL REPORT 2020-21



NATIONAL FISHERIES DEVELOPMENT BOARD

DEPARTMENT OF FISHERIES

MINISTRY OF FISHERIES, ANIMAL HUSBANDRY & DAIRYING

GOVERNMENT OF INDIA

FISH BUILDING, NEAR PILLAR NO.235, PVNR EXPRESSWAY

SVPNPA POST, HYDERABAD, 500052

Preface

Message by Chief Executive



The National Fisheries Development Board has been playing a major role in enhancement of fish production and productivity in the country and coordinating the fishery development activities in an integrated and holistic manner. NFDB has been promoting dissemination of new and improved fish varieties such as Jayanti Rohu, Amur carp and improved Catla by networking with fish hatcheries and seed growers in various States. NFDB has also assisted in setting up of broodbanks for Indian Pompano and Cobia and also the facilities for rearing the yolk sac larvae to fry stage. NFDB in collaboration with various Fisheries Institutes has taken up projects for demonstration of culture of marine fish species such as Seabass, Indian Pompano, Cobia, Grouper through cage culture and pond culture system in coastal waters. NFDB has extensively promoted the technologies on Propagation and production of Small Indigenous Species (SIS) of Minor Carps; Cryopreservation of milt; Demonstration of efficacy of specialized Carp Feeds. To bring in alternative livelihood for coastal fisherwomen, NFDB has promoted seaweed cultivation by supplying the seeds of *Gracilaria edulis* and *Kappaphycus alvarezii* mass propagated through modern techniques in collaboration with CSIR-CMSRI. NFDB has been instrumental in popularizing the intensive culture systems like RAS and Biofloc which enables to produce more fish from small area with less usage of water.

Under Pradhan Mantri Matsya Sampada Yojana (PMMSY), NFDB has provided necessary handholding & advisory to States/UTs wherever required in preparation and submission of proposals. A total of 893 Self Contained Proposals (SCPs)/DPRs from 34 States/UTs were received and scrutinised in NFDB. A total of 11 meetings of Project Appraisal Committee (PAC) were held and 791 projects under Centrally Sponsored Scheme component were recommended to Department of Fisheries, Govt. of India.

As a nodal agency for implementation of Training and Capacity Building component, NFDB has supported various States/UTs, Institutes for conducting Awareness programmes/workshops on PMMSY to fishers, fish farmers and extension functionaries, as a part of 100 days Outreach programme from the start of World Fisheries Day 2020, and skill development programmes on various fisheries aspects, covering about 7.40 lakh fishers. Besides, publicity on PMMSY was done through erection of hoardings on PMMSY at prominent locations in various States/UTs through BOC, GoI.

NFDB being the Nodal Implementing Agency for Fisheries and Aquaculture Infrastructure Development Fund (FIDF), NFDB has been in the forefront for creating awareness about FIDF scheme by interacting with bankers, state governments, individual entrepreneurs, networks of professionals etc. NFDB collaborated with relevant fisheries- based research/academic institutions to implement various activities related to research, bringing in new technologies etc.

With support from Department of Fisheries, GoI and cooperation from State Governments/Union Territories, Stakeholders/Fishers & Fish farmers, the Board will continue the efforts to increase the country's fish production and raise the income levels of fishers & fish farmers in the country.

Dr. C. Suvarna, IFS
Chief Executive, NFDB

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National Fisheries Development Board- An Overview

I.1. NFDB and its Mandates

The National Fisheries Development Board (NFDB) was established in 2006 as an autonomous organization under the administrative control of Department of Fisheries, Ministry of Ministry of Fisheries, Animal Husbandry and Dairying, Govt. of India to realize the untapped potential of fisheries sector in inland and marine, fish culture, capture, processing & marketing of fish, and accelerate the overall growth of fisheries sector with the application of modern tools of research & development. Since inception, NFDB has taken up numerous developmental activities viz., intensive aquaculture in ponds and tanks, culture based capture fisheries in reservoirs, Coastal Aquaculture, Mari-culture, Sea Weed cultivation, establishment of infrastructure, fishing harbours and fish landing centres, fish dressing centres, solar drying of fish, domestic marketing, deep sea fishing, Tuna processing, ornamental fisheries, Trout culture, artificial reef, technology up gradation and capacity building of fishers and fish farmers are being supported through the State Governments/Implementing agencies, which have improved the fish production, productivity and post-harvest & marketing facilities in the sector.

Foreseeing the high potential in fishery sector, the Government of India in May, 2020 has launched the Pradhan Mantri Matsya Sampada Yojana (PMMSY) with an estimated investment of Rs. 20,050 crore. PMMSY is designed to address critical gaps in fish production and productivity, quality, technology, postharvest infrastructure and management, modernization and strengthening of value chain, traceability, establishing a robust fisheries management framework and fisher's welfare.

In the changed scenario, NFDB has been entrusted the work of appraisal of proposals received from the States/UTs under the component of Centrally Sponsored Scheme (CSS) of PMMSY. NFDB has been designated as nodal agency for implementation of Insurance schemes, Entrepreneur Development Model for Central Sector activities, River Ranching, Certification & Traceability, awareness & publicity campaign on





PMMSY, empanelment of equipment manufacturers & suppliers, Empanelment of Consultancy services, setting up of Project Management Consultancy (PMC) and any other activities entrusted from time to time by the Department. It is also selected as one of the nodal agencies for implementation of FFPOs. As per the provisions of PMMSY, a Project Appraisal Committee (PAC) and Project Monitoring Unit (PMU) headed by Chief Executive have been constituted in NFDB for appraisal of the project proposals received under the CSS component and monitoring of the projects/activities of PMMSY respectively.

1.2 Organisational Structure

NFDB is headed by the Chief Executive of the organization. The organisational structure of NFDB is given in Annexure I. The activities of NFDB are overseen by a Governing Body under the Chairmanship of the Cabinet Minister. The Governing Body and the Executive Committee consider and decide the activities of the Board and provide guidance. The Executive Committee, with the Secretary in charge of Department of Fisheries as its Chairman, provides the general superintendence, direction and the control of the affairs and functions of the Board. The members of Governing Body and Executive Committee are given in Annexure II and Annexure III respectively. The details of the NFDB officers and Staff are given at Annexure IV.

The Chief Executive is the Principal Executive Officer of the Board. The Chairman of the Governing Body of the Board with the previous approval of the Central Government will appoint the Chief Executive with the terms and conditions as specified by the Government. It shall be the duty of the Chief Executive to coordinate and exercise general supervision of overall activities of the Board and accountable to the Governing Body, the Executive Committee and the Central Government. He/she shall prescribe the duties of all officers and staff of the Board and shall exercise such supervision and disciplinary control as may be necessary in accordance with the rules.





1.2.1 Mission

Holistic development of the fisheries sector through enhancement of fish production and productivity; to supplement nutritious protein for the growing population; to accelerate the overall economy of the country, besides improving health, economy, exports, employment and tourism in the country.

1.2.2 Mandates:

- To provide focussed attention to fisheries and aquaculture (Production, Processing, Storage, Transport and Marketing)
- To achieve sustainable management and conservation of natural aquatic resources
- To apply modern tools of research and development for optimizing production and productivity from fisheries.
- To provide modern infrastructure mechanisms for effective fisheries management and optimum utilization
- To train and empower women in the fisheries sector and also generate substantial employment
- To enhance the contribution of the fish toward food and nutritional security

1.3 Regional Centres

The details of the two Regional Centres of NFDB are given below:

1.3.1 NFDB-Eastern Regional Centre, Bhubaneswar

NFDB- Eastern Regional Centre (NFDB-ERC) was established in the year 2013, under the aegis of National Fisheries Development Board inked. NFDB-ERC is located in a sprawling campus of 119 acres (47.6 ha), in the campus of Govt. fish seed farm, Kausalyaganga, Bhubaneswar.

Objective

The main objectives of NFDB-ERC is to maintain good quality and/ or genetically improved Fish brood-stock obtained from research organizations with proper package and management protocols and multiplication of these Genetically Improved Fish Species (GIFS) brood-stock in order to produce breeder seed and distribute these breeder seed (fry/fingerlings) to accredited hatcheries as source for brood stock for further





multiplication and supply to farmers to meet the seed demand from across the states in support of fisheries sector growth.

Manpower

Dr. Manas Kumar Sinha, Senior Executive (Technical) and Smt. Smiti Rekha Pati, Executive Assistant.

1.3.2 NFDB-North Eastern Regional Centre, Guwahati

National Fisheries Development Board established the North East Regional Centre in 2014 at Guwahati under the Administrative control of NFDB whose head quarter is at Hyderabad. The regional centre was established in the campus of National Institute of Rural Development & Panchayati Raj, North Eastern Regional Centre (NIRD-PR-NERC), Jawaharnagar, Khanapara, Guwahati. The Centre has been playing a pivotal role in development of fisheries and aquaculture in the region through awareness programs, training, workshops, technical guidance, financial support etc under different NFDB activities.

Objectives

1. To Coordinate with the 8 North eastern States for development of Fisheries and Aquaculture in the region
2. To explore the potential fisheries resources and development for fish culture activities for enhancing fish production
3. To promote small fish farmers and entrepreneurship for income earning and livelihood support
4. To act as an extension and outreach arm to the NFDB for creating awareness and providing trainings and technical hand holdings to the fish farmers of the North eastern States

Activities

- To analyse the need of the region and implement need based projects prevalent to the North Eastern States





- To receive, scrutinise and recommend PMMSY project proposals pertaining to fisheries development schemes from North East States to Project Appraisal Committee (PAC)
- To Organize Awareness program/Workshop/Seminar and Farmer Oriented Skill Development Training
- To Provide Technical Advisory services and hand holdings to fish farmers of the region
- To Prepare Manual/Booklet/Brochure if any pertaining to fisheries and aquaculture development and about NFDB scheme /activities for the interest of fish farming community of North East Region
- To Assist the States in Preparation of Detailed Project Report on Fisheries and Aquaculture Development
- To implement fisheries activities in the 8 North Eastern States and to coordinate with the States for follow up and monitoring the outcomes

Manpower

Two Executive Assistant (Technical) Shri Ashim Kumar Borah (Officer In-charge) and Ms. Dorothy M.S and One Office Attendant Shri Parag Jyoti Barman

1.4 Query Cell

A query Cell has been set up in the NFDB to look into queries/information requested by the public. The cell is headed by Senior Executive (Tech). A total of 431 Queries were received from July, 2020 to March, 2021 from the stakeholders from all the States/UT of the country, through Email/Letter/Toll Free No. Majority of the queries pertain to the subsidy details for various schemes in PMMSY, FIDF Scheme, RAS/Biofloc, Fish Farming and Training related information. All the 431 queries were answered in detail through Email/Letters and Toll free number to the fish farmers and entrepreneurs





1.5 Implementation of Right to Information (RTI) Act, 2005

For the purpose of providing information of public interest, NFDB has designated Central Public Information Officer (CPIO) and Appellate Authority under the relevant provision of the Right to Information (RTI) Act. RTI applications received through online RTI Portal and otherwise are forwarded online to the concerned CPIO for speedy disposal.

In the year 2020-21, NFDB has received 38 numbers of RTI applications via RTI online portal and by Post under the Right to Information Act, 2005 for which the information was uploaded in the online portal of RTI and dispatched to the applicant by post.

1.6 Prevention of Harassment of Women Employees.

A committee for prevention of sexual harassment of women at workplace exists in the NFDB to look into the complaints of sexual harassment of women. No complaint has been received during the year FY 2020-21.



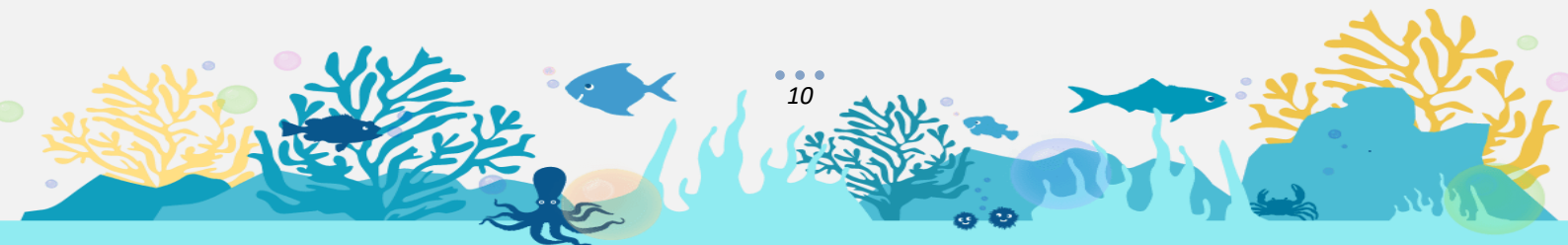


2. ACTIVITIES OF NFDB

2.1. PMMSY PROPOSALS SCRUTINY & RECOMMENDATIONS

NFDB has received proposals from various States and UTs under the component of the Centrally Sponsored Scheme of PMMSY. NFDB has provided necessary handholding & advisory to States/UTs wherever required in preparation and submission of proposals. During 2020-21, NFDB has received PMMSY proposals from 34 States/UTs. A total of 893 Self Contained Proposals (SCPs)/DPRs were received and scrutinised in NFDB. A total of 11 meetings of Project Appraisal Committee (PAC) of PMMSY were held under the Chairmanship of Chief Executive, NFDB and 791 projects under Centrally Sponsored Scheme component were recommended to Department of Fisheries, GoI for a total outlay of Rs. 4108.69 crore with Central share of Rs.1626.27 crore. The State-wise details of the proposals received and proposals recommended by PAC are given in table below:

Sl. No.	State/UT	Proposed submitted by the State/UT (Rs. in lakh)		Proposal recommended by PAC in NFDB (Rs. in lakh)	
		Total Project Cost	Central Share	Total Project Cost	Central Share
1.	Andaman & Nicobar	58.07	49.08	10.99	5.02
2.	Andhra Pradesh	912.26	511.11	910.4	456.94
3.	Arunachal Pradesh	199.08	145.4	18.69	10.09
4.	Assam	125.14	58.43	106.79	51.25
5.	Bihar	221.95	70.89	183.33	58.64
6.	Chhattisgarh	134.43	40.13	129.81	37.55
7.	Daman & Diu & Dadra & NH	13.95	9.63	6.27	3.56
8.	Delhi	78.61	57	3.86	2.1
9.	Goa	163.06	82.86	44.66	12.89
10.	Gujarat	499.91	286.29	174.27	57.84
11.	Haryana	497.38	155.51	70.38	20.73
12.	Himachal Pradesh	68.78	43.57	55.37	19.64
13.	Jammu & Kashmir	27.85	14.16	27.85	14.16
14.	Jharkhand	120.46	40.25	104.51	32.37
15.	Karnataka	211.47	65.52	210.95	65.09
16.	Kerala	337.3	119.15	343.63	114.8





Sl. No.	State/UT	Proposed submitted by the State/UT (Rs. in lakh)		Proposal recommended by PAC in NFDB (Rs. in lakh)	
		Total Project Cost	Central Share	Total Project Cost	Central Share
17.	Ladakh	1.37	0.87	1.25	0.75
18.	Lakshadweep	152.68	139.69	43.1	30.39
19.	Madhya Pradesh	150.58	46.54	149.14	45.69
20.	Maharashtra	2086.09	865.96	280.06	123.77
21.	Manipur	83.13	42.56	25.71	14.08
22.	Meghalaya	148.1	87.49	21.45	11.58
23.	Mizoram	41.53	27.79	33.82	19.71
24.	Nagaland	36.13	21.63	26.85	16.3
25.	Odisha	417.74	189.31	240.39	83.11
26.	Puducherry	39.88	22.53	34.85	19.82
27.	Punjab	158.62	39.51	45.82	11.36
28.	Rajasthan	89.58	27.97	14.09	4.41
29.	Sikkim	27.1	15.07	11.6	6.26
30.	Tamil Nadu	514.27	215.32	227.95	87.99
31.	Telangana	125.64	37.36	57.8	16.76
32.	Tripura	75.68	44.95	30.31	14.74
33.	Uttar Pradesh	403.06	121.25	399.14	120.2
34.	Uttarakhand	62.35	36.29	63.6	36.7
	Total	8283.23	3731.0628	4108.69	1626.283

NFDB has also developed the Guidelines/Concept Note/MIS Modules for various PMMSY activities as mentioned below:

- Prepared guidelines for Sagar Mitra, River Ranching, Entrepreneur Model FFPOs Trainings & Capacity Building, Administrative Expenses and Matsya Seva Kendra along with SOPs for Sagar Mitra with baseline & Monitoring format.
- Prepared concept notes for Aquaculture Crop Insurance, Integrated Modern Coastal Villages, Integrated Aqua Parks.
- Created inputs templates for developing MIS modules & finalised FRS document on: Beneficiary, Non-beneficiary components, PAC, Administrative & Trainings & Capacity Building
- Prepared RFPs & EOIs for Entrepreneur Models, Aquarium installation.





2.2. NEW PROJECTS

NFDB has undertaken various need based activities under Central Sector component of PMMSY and also activities entrusted by Department of Fisheries (DoF) as per Annual Action Plan 2020-21. The details of various projects/activities undertaken by NFDB to popularize new and innovative technologies emerging in the field to improve fish production & productivity in the country are given below:

2.2.1 PROJECT 1-Re-Circulatory Aquaculture System for nursery rearing of marine finfish: Development and Demonstration by ICAR- CMFRI

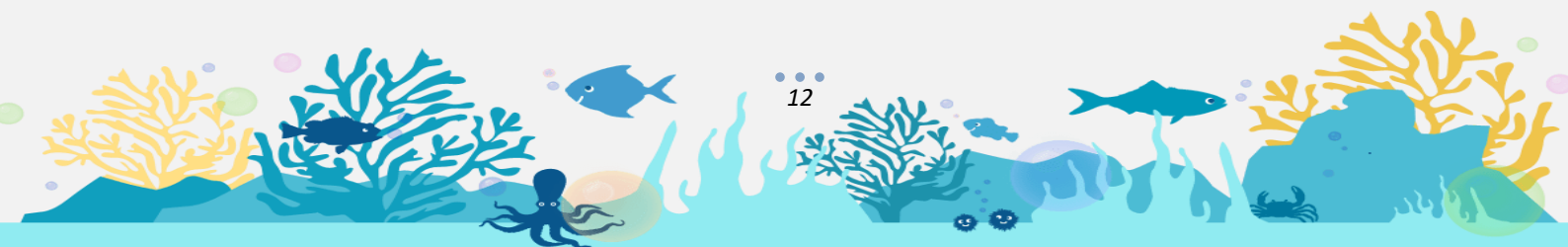
Total Project Cost (TPC): Rs. 49.94 lakh; Amount Released: 25.12 Lakh; Duration: 2 years

NFDB funded the project with 100% Central financial assistance. The project aims to assess zoo technical performance of Marine Fin Fish through the nursery phases by optimizing stocking size and density, feeding protocols and



ambient water parameters for culture and determining the best duration of culture and the size of harvest. Also to evaluate the economic performance of nursery rearing with detailed financial indicators and develop the best possible production strategy. The developed technology on nursery rearing of Indian pompano and Orange spotted grouper in RAS will be transferred to entrepreneurs.

Achievement: Six tanks were stocked with Indian pompano fingerlings at a stocking density of 1nos./L with three different flow rate in duplicate to study the flow rate influence on growth performance of *Trachinotus mookalee* (Indian pompano). Various water quality parameters such as dissolved oxygen, pH, carbon dioxide, alkalinity, nitrite, ammonia and nitrate are being measured on weekly basis.





2.2.2 PROJECT-2: Demonstration and Feasibility Study of Lobster Fattening in Integration with Pompano and Seaweed in the Lagoons of Lakshadweep by ICAR-CMFRI

TPC: Rs.10 lakh; Amount Released: Rs. 7 lakh

NFDB has funded the project with 100% central financial assistance during 2020-21. The project aims to deploy 4 nos. of cages in the lagoons of Agatti for culturing of Lobster in combination with compatible finfishes and in integration with the indigenous seaweed following the principle of “Integrated Multi Trophic Aquaculture” (IMTA).



Achievement:

The farming is being carried out by beneficiary groups belonging to the scheduled tribe category. Technical support was availed from ICAR-CMFRI. The project was launched with the first stocking by Shri



P. Krishnamoorthy, IAS, Adviser to the Administrator and the Administrator in charge, U.T. of Lakshadweep on 17th October, 2020 in the presence of Shri O.P Mishra, Secretary (Fisheries) and Shri Askal Ali, Collector, Lakshadweep and other senior officers of the U.T. Administration and a large gathering of fisherfolk.

Conducted training to 75 fishers and 15 officials for cage fabrication, installation, collection and transportation of lobster seeds to the cage site etc. Wide publicity was given in the Agatti Island and nearby islands about collection of lobsters to reach the target immediately. Pompano seeds were transported from Azhikode Hatchery, Kerala to Agatti with zero mortality. Seaweed rafts were installed around the cages and stocked with Indigenous seaweed *Gracilaria edulis*. The women SHGs were involved in seaweed frame making, coir





rope preparation, seaweed seeding and deployment etc as part of capacity building of the women in sea weed farming.

2.2.3 PROJECT 3: Cage Culture Demonstration of Indian pompano (*Trachinotus mookalee*) in Chandipur coast, Bahabalpur, Odisha by ICAR-CMFRI

TPC: Rs.257.327 lakh; Amount released: Rs.123.99 lakh; Duration: 3 years

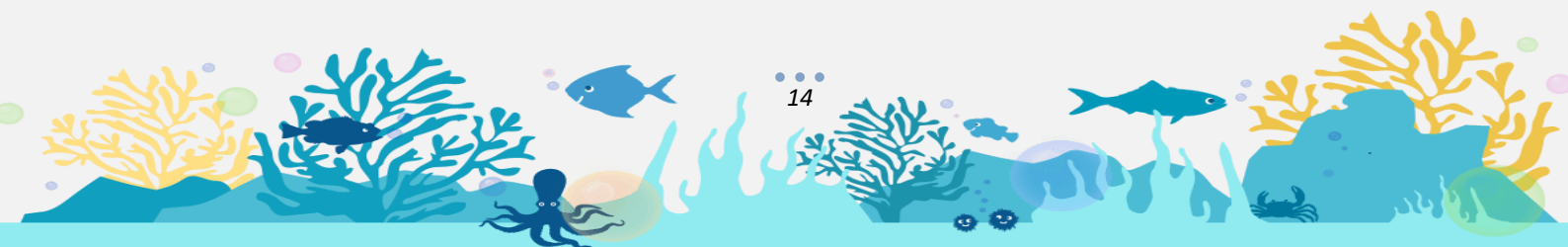
NFDB has funded the project with 100% Central financial assistance during 2020 to 2023. The project aims to install 30 units of Sea Cages for establishing a model Indian Pompano marine cage farming units along Chandipur coast of north Odisha. This project would act as nuclear centre for large scale dissemination of the technology within



the state and also to disseminate the cage farming technology for Indian Pompano (*T. mookalee*) with an anticipated production target of 45 MT. NFDB has released a sum of Rs. 123.99 lakh to ICAR-CMFRI in two instalments for this project.

Achievement:

Cage Culture Demonstration of Indian pompano project has been launched by Shri Pratap Chandra Sarangi, Hon'ble Minister of State for Fisheries on 10th January, 2021 at Bahabalpur, Balasore, Odisha. The launching was graced by Dr. C. Suvarna, IFS, Chief Executive, NFDB; Dr. J. Balaji, IAS, Joint Secretary (Marine Fisheries), Ministry of Fisheries, Animal Husbandry and Dairying; Shri Sagar Mehra, Joint Secretary (Inland Fisheries), Ministry of Fisheries, Animal Husbandry and Dairying; Shri S. R. Pradhan, Director, Directorate of Fisheries; Shri K. Sudarsan Chakravarty, District Collector; Smt. Sumati Nayak, Zilla Parishad Member and Smt. Rashmita Mandal, Sarpanch and other dignitaries. Foundation stone was laid for the project by the Hon'ble Minister at Bahabalpur Fishing Harbour. Site selection has been completed successfully (21° 28' 22" N and 87° 8' 4" E, 21° 28' 11" N and 87° 8' 1" E, 21° 27' 51" N and 87° 7' and 42" E and 21° 28' 5" N and 87° 7' 26"





E) and beneficiaries' selection has also been accomplished. 30 sea cage fabrication is under tendering process.

2.2.4 PROJECT-4: Establishment of Medium size Re-Circulatory Aquaculture System (RAS) at College of Fisheries, CAU, Lembucherra

TPC: 50 lakhs Amount released: Rs.25 lakh; Duration: 2 years

NFDB has funded project "Establishment of Medium size Re-Circulatory Aquaculture System (RAS)" with 100% central assistance. The project aims to establish a Re-Circulatory Aquaculture System (RAS) and to start commercial scale fish production through Experiential Learning Programme (ELP) to sustain the system and also for technology development/refinement for high value indigenous species such as Pabda and Pengba for diversification of cultured species for RAS.

2.2.5 PROJECT-5: Setting Up of AAHL at College of Fisheries, Dholi

TPC: 120 lakhs Amount released: Rs.120 lakh; Duration: 2 years

NFDB has accorded sanction for setting up of an "Aquatic Animal Health Laboratory" at College of Fisheries, Dholi, Dr. Rajendra Prasad Central Agricultural University (RPCAU), Bihar with 100% financial assistance. The project aims to focus on service to the fishers/ aquapreneurs/hatchery owners/fish farmers/other stakeholders with water quality test, seed quality test, definitive diagnosis in case of any disease outbreak, training of manpower and advance research etc. Also to use the developed facilities for generating skilled human resources in the field of Aquatic Animal Health.

2.2.6 PROJECT 6: River Ranching

In order to address the depleted fish stock in rivers and improve the livelihood of fishers, River Ranching scheme has been incorporated under PMMSY on a pilot basis. The scheme shall be implemented in three river basins namely (i) Ganges and its tributaries of Ganges river system, (ii) Brahmaputra and Barak river distributaries and other rivers and (iii) Mahanadi and tributaries of Mahanadi river system, covering 8 states. Under this scheme, NFDB has sanctioned projects to a tune of Rs.281.50 lakh and released a sum of





Rs.140.75 lakh to 6 states namely Bihar, Uttar Pradesh, Odisha, Chhattisgarh, Tripura and Uttarakhand, with a target to ranch 82.13 lakh fingerlings. The rearing of fingerlings is in progress and the ranching is likely to take place during the month of September/October, 2021.

2.2.7 PROJECT 7: Establishment of Breeding Units for Locally Important Fish species of North East India

Considering the need to ensure production of sufficient quality seed of locally important fish species in the region, NFDB envisaged to establish breeding units across the eight North Eastern States and sanctioned 18 units (12 large and 6 small) to the 4 NE States namely Assam, Tripura, Manipur and Nagaland at a total project cost of Rs.96 lakh and released Rs. 49.80 lakh.



2.2.8 PROJECT 8: Capacity Building & Outreach activities:

NFDB has been made as nodal agency for the implementation of the subcomponent on Training, Capacity Building and Exposure Visits under PMMSY. During the FY 2020-21, due to the COVID 19 pandemic condition, the training programmes were conducted in the virtual mode and a few physical trainings by maintaining social distance. Mostly these were organized by NFDB, NFDB- NFDB-ERC, NFDB-NERC, Department of Fisheries (DoF) of States/UTs and ICAR Institutes.

To create awareness on Cold Water Fisheries, Pearl Culture, PMMSY and FIDF Schemes, NFDB has organized 15 no. of Physical programmes/ Webinars/ Online Sessions in collaboration with the various Institutes/ Organizations.





NFDB had released a sum of Rs.113.40 Lakh to 28 States/UTs for conducting the World Fisheries Day 2020 celebrations and Training/Outreach Activities for 100 days starting from WFD-2020. Total 21 no. of State/UTs have submitted the consolidated reports on WFD 2020. As per reports received, a total of 2,41,425 members attended the WFD 2020 event and were informed on the PMMSY and other fishery related schemes.



Post World Fisheries Day, 60,061 farmers have been covered by conducting 322nos. Awareness programmes. 43,185 farmers were covered through 35webinars, 1,48,355 farmers were covered through Mass and Print Media. As part of this, a total of 66,500 pamphlets / brochures were distributed.

NFDB has released a sum of Rs. 6.255 lakh to 5 states namely Andhra Pradesh, Chhattisgarh, Himachal Pradesh, Tripura and Meghalaya for conducting a total 10 no. of webinars and 27 no. of one-day physical training programmes to create awareness on PMMSY to 2,700 no. of farmers.

NFDB in collaboration with ICAR - Fisheries Institutes namely CIBA, CIFRI, CIFE, CMFRI & DCFR has conducted 86 no. of webinar based massive awareness and outreach programmes to 18,558 fishers & fish farmer's. NFDB has released a sum of Rs. 34.0 lakh to 8 states/ institutes for conducting 32 no. of stakeholder consultations to create wide publicity on PMMSY scheme to 6,800 no. of farmers from 4 states Tamil Nadu, Gujarat, Assam & West Bengal and 1 UT Puducherry.





To create outdoor media campaigns on PMMSY, 160 No. of Hoardings on PMMSY were installed in Phase-I in 6 states namely Bihar, Gujarat, Karnataka, Orissa, Telangana and Goa. 263 No. of Hoardings on PMMSY were installed in Phase-II in 6 states namely Andhra Pradesh, Chhattisgarh,



Jharkhand, Madhya Pradesh, Rajasthan and Uttar Pradesh, for which NFDB has released a total sum of Rs. 38.76 lakhs to Bureau of Outreach & Communication, Campaign Division, New Delhi. Further, to promote PMMSY scheme through digital platforms, NFDB has released Rs.1.07 lakh to Way2News Pvt. Ltd. to post the Ad in their App platform in the states of Andhra Pradesh and Telangana.

NFDB has sponsored 2 no. of Fish Festivals in Tamil Nadu and Sikkim with an amount of Rs. 5.0 lakh each to create awareness on nutritional value of fish and enhance the fish consumption.



2.2.9 PROJECT 9: Development and operation of Coastal Aquaculture at Mulapolam, Srikakulam in Andhra Pradesh (Phase-I)

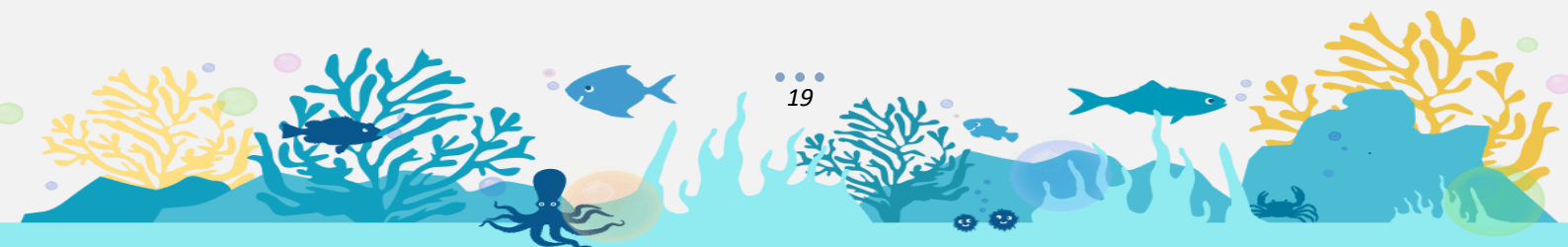
NFDB has taken up activities for the “Development and operation of Coastal Aquaculture at Mulapolam in A.P (Phase-I)”. The activities include construction of nursery and culture ponds for marine fin fish (Cobia, Pompano & Seabass etc.) and mud crabs with all the required common facilities, site levelling, Sea water intake and storage system, construction of internal roads, water supply & electricity arrangements, office building, ETP, etc.

The following works were taken up till 31st March, 2021:





- Obtained in principle permission from Coastal Aquaculture Authority (CAA) for taking up Aquaculture activities (with clauses to fulfil EIA & EMP reports, CRZ clearance to draw sea water).
- Chain link fencing with Guard room, gate and notice board were taken up, power supply got restored, Pre-level survey has been completed for laying of inlet and outlet water pipelines, construction of peripheral road was taken up under MGNREGS and is in progress.
- The EIA (Environmental Impact Assessment) studies and obtaining Statutory clearances such as CRZ clearance (for drawing seawater from Bay of Bengal to the Project site) and Consent for Establishment and Operation was entrusted to an MOEF empanelled agency and the EIA study and report are in progress and HTL/LTL data is being collected and applications will be submitted once the report is ready, to the Statutory bodies for obtaining clearances.
- Forest Dept. permission which is required for laying of seawater intake pipelines from Bay of Bengal to the project site through forest land is under process- Obtained permission from PCCF, A.P. to conduct DGPS survey and DGPS Survey completed and the report submitted to Dist. Forest Officer, Srikakulam and the application is being processed and will be forwarded to the Conservator of Forests, Visakhapatnam and then to PCCF, Guntur for further processing and issue of permission.
- Development of Aquaculture Infrastructure facilities such as site levelling, culture and nursery ponds, internal roads, electricity arrangements, seawater intake system, reservoirs, fresh water intake, drainage, ETP and Office Building, was entrusted to CPWD, Vijayawada and an MOU was signed between CPWD and NFDB. The engineering estimates, drawings and designs were prepared for Phase-I activities and the Chief Engineer, CPWD, Vijayawada submitted the proposal with Preliminary Estimate for Rs. 1552.84 lakhs. Administrative Approval and Expenditure Sanction was accorded to Chief Engineer, CPWD, Vijayawada for ₹1552.84 Lakh (Rupees Fifteen crore Fifty-Two Lakh Eighty-Four Thousand only) for the Development of Aquaculture Infrastructure including office Building for NFDB





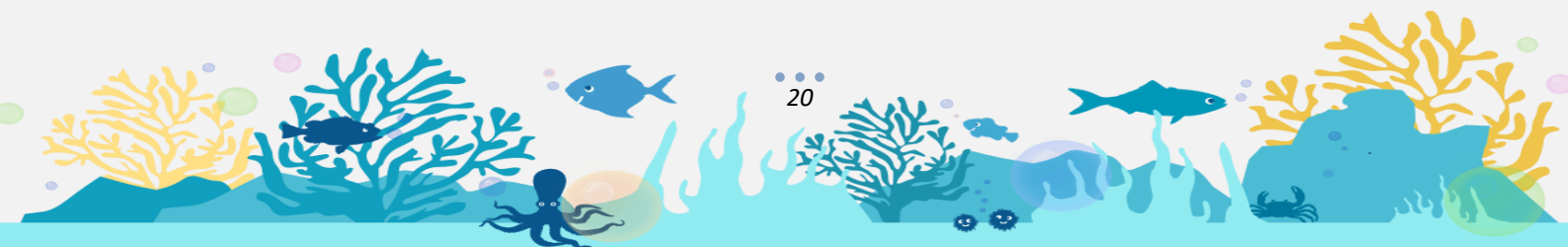
at Mulapolam, Srikakulam Dist. Andhra Pradesh (Dt.29-03-2021) and the 1st instalment (50% of the estimated cost) amount of ₹ 7,76,42,000/- (Rupees Seven Crore Seventy Six Lakh and Forty Two Thousand only) was released to the Executive Engineer, VCD, CPWD, Visakhapatnam to enable CPWD to take up the work by calling for tenders. The Chief Engineer, CPWD has informed that the Tender processing will be completed within in 4 months and the actual execution of works will take 12 months' time from the date of sanction of work.

- The status of works taken up are as below:

S.No	Particulars of Work	Status
1	Coastal aquaculture Authority (CAA) In-Principle Approval	Completed
2	Pre-level Survey	Completed
3	Laying of Boundary stones for inlet and outlet channels	
4	Electricity connection restoration	Completed
5	Peripheral road – MGNREGS (Rs. 200.00 Lakhs)	In progress
6	EIA studies & Statutory clearances	In progress
7	DGPS Survey for applying for Forest Dept, permission	Completed
8	Forest Dept. Permission for laying of seawater pipeline	In process
9	Preparation of DPR with detailed estimates, drawings & designs & vetting by CPWD	Completed
10	Admn. Approval and Expenditure sanction & 1 st instl. release to CPWD Phase-I	Completed.
11	Execution of infrastructure works for Phase-I by CPWD	Tender procedure Progress

2.3 ONGOING PROJECTS/ACTIVITIES:

During 2020-21, NFDB has released funds in respect of ongoing projects to various States and agencies. The details of the ongoing projects / activities and funds released during FY 2020-21 are given below:

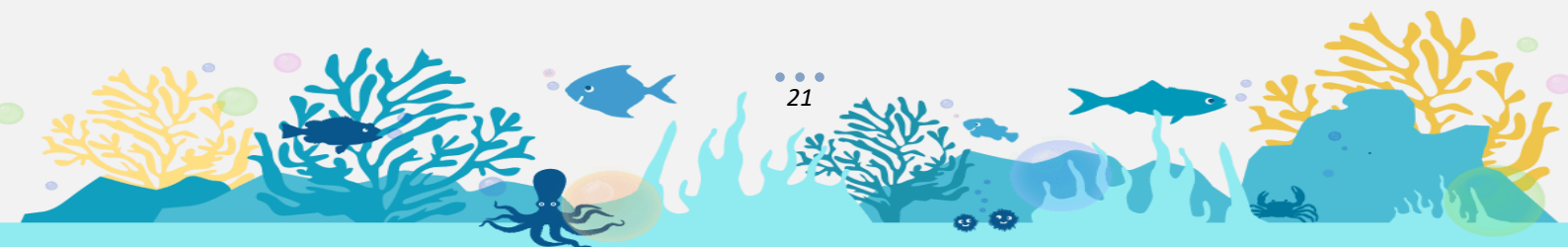




2.3.1 Establishment of Marine Fin Fish Brood banks

Quality fish seed availability is the main key factor for the successful expansion and commercialisation of the highly valued marine species in India. With the growth of Sea cage farming, marine fin fish seed requirement has become an indispensable component and that can be achieved only through year round seed production under the controlled reproductive maturation in a bio-secured condition such as brood stock holding facility or Brood bank equipped with re-circulatory aquaculture systems (RAS) and photo thermal control. Cobia and Silver Pompano are two lucrative species among all other high value marine fish for farming in India due to its fast growth, acceptability in domestic and export markets and better farm gate price.

NFDB funded two projects for establishment of brood banks for enhancing production of Silver Pompano and Cobia at a total project cost of Rs.5.64 crore and Rs.3.24 crore respectively with 100% financial assistance to ICAR-CMFRI during 2017-18. These brood banks comprised of Recirculatory Aquaculture System (RAS), quarantine facility, egg incubation, live feed culture unit, Bio-secured photo period enabled units and larval production facility. A sum of Rs.513.80 lakh and Rs.275.35 lakh was released to ICAR-CMFRI for establishment of Silver Pompano and Cobia Broodbanks respectively till 2019-20. During the FY 2020-21, NFDB has released Rs. 25.30 lakh and Rs.24.38 lakh to ICAR-CMFRI for Silver Pompano and Cobia broodbank projects respectively. Cobia brood bank has supplied 2 lakh of Cobia yolk sac to M/s MSR Aqua Hatchery, Kakinada, Andhra Pradesh. 5000 cobia fingerlings were supplied to TNJFU and 15,000 cobia fingerlings to farmers of Nellore for rearing. A total of 139 fishes of cobia (sub-adults and adults) were maintained in sea cages of Mandapam Centre. Similarly, Silver Pompano Brood bank at Vizhinjam RC of CMFRI has supplied 2.0 Lakh numbers of Silver Pompano Yolk Sac larvae to M/S MSR Aqua Hatchery and the hatchery could produce 52,000 Silver Pompano fingerlings in the first trial. About 4000 seeds have already been distributed to 7 cage farmers. A total of 200 sub-adults weighing (400 to 1600 g) were collected and reared in RAS facility. A total of 1000 pompano fishes stocked in cages presently weighing about 1.2- 2 kg.





Brood Bank



Supply of Seed to Govt. Farms

2.3.2 Establishment of Marine Finfish Seed Rearing Units

This project is supported by NFDB to ICAR-CMFRI for the Establishment of Marine Finfish Seed Rearing Units by M/s MSR hatchery, Kakinada during FY 2018-19 at a total cost of Rs. 258.45 lakh with NFDB assistance of Rs.103.45 lakh. An amount of Rs.100.845 lakh for this project, out of which Rs.58.47 lakh was released during FY 2020-21.

Hands-on training to the technicians of the hatchery and technical support on different aspects viz., broodstock maintenance, live feed culture, larviculture and nursery rearing. Yolk Sac larvae of Cobia and silver pompano were supplied from the Mandapam Regional Centre for larviculture and seed production. Civil works and renovations of the hatchery were done as per the. A total of 7.7 lakh of Silver Pompano yolk sac were supplied to MSR Aqua Hatchery, out of which 2.6 lakh were survived and being reared successfully. A total of 10 lakh of Cobia seeds were supplied, out of which 1.6 lakh survived and being reared successfully. The hatchery has produced about 1.45 lakh of Silver Pompano fingerlings and 13.79 lakh of Asian Seabass fingerlings and supplied for farming to 18 Farmers from Andhra Pradesh. 58 MT Silver Pompano valuing of Rs. 174 lakhs were successfully sold. The Asian Seabass farming with the 13.80 Lakhs seeds is in progress in selected farms in Andhra Pradesh.





Silver Pompano Brooders

Tagging and Cannulation

2.3.3 Seaweed Cultivation

NFDB during FY 2017-18 sanctioned a project entitled '**Mass production of spores: An approach to vigorous seed development for commercial farming of *Gracilaria* species**' of CSIR-CSMCRI, Mandapam at a total cost of Rs.92.68 lakh with 100% financial assistance. The seaweed production comprises of 3 stages- Laboratory culture, tank culture and open sea culture. Vegetative propagation needs 1.50 kg fresh weight of seed material to seed on bamboo raft of 2m x 2m while under this technology 8g fresh weight of plant is required to seed on raft. NFDB had released a sum of Rs.74.14 lakh to CSIR-CSMCRI upto 2019-20. The institute has produced 4727 kg biomass of *Gracilaria edulis* from the spores. Out of this 2530 kg was supplied to seaweed cultivators and 2197 kg was dried and used for extraction of agar. During the FY 2020-21, NFDB has released a sum of Rs.9.27 lakh to CSIR-CSMCRI for implementation of the project. The project was completed in September, 2020.

NFDB during FY 2019-20 had also sanctioned a project entitled "Mass seedling production of *Kappaphycus alvarezii* through tissue culture technique and supply of tissue cultured seedling to the farmers of Tamil Nadu coast" to CSIR-CSMCRI, Mandapam at a total cost of Rs.86.80 lakh with 100% assistance to meet the seed requirement along Tamil Nadu coast. A sum of Rs.17.26 lakh was released to the institute during FY 2019-20. The institute has produced 1800 seedlings through the tissue culture for the first time in India and supplied to farmers. During the FY 2020-21, NFDB had released a sum of Rs.52.08 lakh to CSIR-CSMCRI for the project.





Farmers seeding *Gracilaria edulis* on rafts

2.3.4 Inland Cage Culture

The reservoirs of India have a combined surface area of 3.15 million ha with huge untapped potential. NFDB envisages sustainable utilisation of these water bodies with cage culture on integrated mode with cage and other supporting facilities like hatchery, fish seed rearing units, feed mill, cold chain facility, etc. to make the project self-sufficient and sustainable. NFDB invited Expression of Interest (EoI) for taking up fish culture in cages with an integrated approach in reservoirs in Madhya Pradesh and sanctioned for 200 cages during 2019-20. NFDB had sanctioned 100 cages to Ms/ Hathivan Technoplast at a total cost of Rs.300 lakh with NFDB assistance of Rs.111.24 lakh and 100 cages to M/s MM Enterprises at a total cost of Rs.300 lakh with NFDB assistance of Rs.74.16 lakh for taking up cage culture in Halali and Bargi reservoir respectively. During FY 2019-20, an amount of Rs.55.62 lakh and Rs.37.08 lakh was released to Ms/ Hathivan Technoplast and M/s MM Enterprises respectively through Madhya Pradesh Fisheries Federation for implementation of cage culture projects. The projects are commissioned and being monitored through Department of Fisheries, Madhya Pradesh. Common Carp, Amur Carp & Pangasius are being cultured in the cages. During FY 2020-21, NFDB has released a sum of Rs.92.70 lakh (comprising of Rs.55.62 lakh to M/s. Hathivan Technoplast and Rs.37.08 lakh to M/s MM Enterprises) to Madhya Pradesh Fisheries Federation for implementation of Cage culture projects in Halali and Bargi Reservoirs





NFDB has also released Rs.29.60 lakh to Dr. Rajendra Prasad Central Agricultural University (RPCAU) for Demonstration and validation of cage aquaculture in Budhi Gandak River and Birauli Maun of Samastipur District in Bihar.



Cage culture in Halali Reservoir, Madhya Pradesh (Left), Bargi Reservoir, Chattisgarh (Right)

2.3.5 Establishment of Hatchery for Amur Common carp/Jayanti Rohu

NFDB has funded the project to ICAR-CIFE during FY 2017-18 for establishment of Amur Common carp/Jayanti Rohu hatchery at Powerkheda, Madhya Pradesh at a total cost of Rs.25 lakh with 100% financial assistance to fulfil the demand of these improved variety fishes in the State and adjoining states. Project components consist of Construction of Circular Chinese Hatchery with a Breeding Pool-1, Hatching Pool-2, Brood stock pond-1, Water supply system-1, Nursery pond-6, Office shed-1, Bore well-4, Cement Cistern-20. An amount of Rs. 15 lakh was released till FY 2019-20 in two instalments. During 2020-21, NFDB released the balance amount of Rs.10.00 lakh to ICAR-CIFE-Mumbai for completion of the hatchery.



2.3.6 Establishment of Hatchery for Giant Freshwater Prawn by RPCAU, Bihar

NFDB has funded the project to College of Fisheries, Rajendra Prasad Agricultural University (RPCAU), Pusa, Bihar during 2019-20 for establishment of a seed production unit for giant freshwater prawn/scampi in Bihar at a total cost of Rs.77.16 lakh with





100% financial assistance to ensure seed production and supply of scampi in the State and the neighbouring areas. An amount of Rs.23.15 lakh and Rs.52.15 lakh was released during FY 2019-20 and 2020-21 respectively. The hatchery seed production will contribute towards scampi farming in the freshwater bodies in Bihar and neighbouring States.

2.3.7 Establishment of Hatcheries for Murrel

Murrel is an important indigenous air-breathing freshwater fish highly preferred for consumption because of its flavour and meaty flesh with less intra-muscular bones. The demand for snakeheads seedlings is by and large met from the wild collections and the commercial culture of Murrel is not common yet due to inadequate availability of seedlings and quality feed. To meet the demand of this highly commercial fish, NFDB during FY 2018-19 sanctioned Rs.39.67 lakh for establishment of 10 nos. of Murrel Hatchery in Manipur by 10 unemployed farmers including 4 women and released Rs.16.048 lakh. During the FY 2020-21, NFDB has released the balance amount of Rs.23.62 lakh for completion of these hatcheries. The hatcheries construction has been completed and are under operation.

2.3.8 Dissemination of Improved and new fish varieties through KVKs:

Quality fish seed is one of the key inputs for augmenting fish production. With use of genetically improved strains, aquaculture production can be enhanced as much as 15-30 % without additional input or cost. In order to popularize the adoption of genetically improved strains among the farmers, NFDB has taken up demonstration of growth performance of improved



fish varieties through KVKs across the country. During FY 2020-21, NFDB has released a sum of **Rs.16.66 lakh** to 12 KVKs at Washim& Baramati (Maharashtra), Sitamarhi &Rohtas(Bihar), Myrada (Tamil Nadu),Thoubal (Manipur), Kampasagar&Gaddipally





(Telangana), Nellore & Venkataramannagudem (Andhra Pradesh), South 24 Paraganas (West Bengal) and Puri (Odisha).

2.3.9 Innovative Activity- Biofloc Aquaculture System

Biofloc technology has recently gained attention as a sustainable method to control water quality, with the added value of producing proteinaceous feed in situ. To make this technique a keystone of future sustainable aquaculture, NFDB during 2019-20 came up with a new scheme to provide training and financial and technical assistance to farmers for setting up Biofloc units. NFDB during 2019-20 had sanctioned Rs.3.60 lakh to M/s KGRM farm at Pidauli in Begusarai district, Bihar for establishment of biofloc fish farm on commercial scale under the guidance of ICAR-CIFE Regional Centre at Motipur, and released first instalment of Rs.1.80 lakh. During 2020-21, NFDB has released the balance amount of Rs.1.80 lakh to M/s KGRM farm. The unit has been set up and M/s KGRM farm is providing training to farmers and successfully harvesting Pangasius and Tilapia on a large scale.

2.3.10 Fisheries Development in Aspirational Districts

For Fisheries Development in the Aspirational districts, 117 districts were identified as aspirational districts in the country with an aim to raise the living standards of its citizens and to ensure inclusive growth for all especially backward classes. Under this programme, input assistance is provided to farmers for two consecutive crops for adopting improved fish culture practices in community ponds and tanks in the selected Districts to enhance fish production and overall development of the district. During FY 2020-21, NFDB has released a sum of **Rs. 40.07 lakh** to Manipur, Meghalaya, Nagaland and Tripura for fisheries development in community ponds & tanks in Aspirational districts.

2.3.11 Setting up of Fish Seed Rearing Units through Regional Centres

Advanced fish fingerlings of the desired species in required quantity are essential for stocking in grow-out ponds for realizing satisfactory survival, production as well as





productivity. To meet the growing demand for advanced fish fingerling in the country, fish seed growers have acquired special significance. NFDB during FY 2019-20 floated EOI for setting up of Fish Seed Rearing Units and sanctioned Rs.7.128 lakh and released Rs.3.56 lakh. During FY 2020-21, NFDB had released the balance sum of Rs.3.56 lakh to Govt. of Mizoram for setting up of fish seed rearing units by 4 beneficiaries in an area of 2.2 ha.

2.3.12 Establishment of Backyard RAS

Re-circulatory Aquaculture System is a high-tech aquaculture production system of recent introduction to the country and is regarded as one of the upcoming technologies for intensification and enhancing fish production. It is providing a viable alternative platform for enhancing



fish production in urban and peri-urban region where land and water is limited and expensive, and serving as new opportunity to meet the niche market needs of elite consumers for fresh/live/chilled/quality fish with traceability and quality services. During FY 2019-20, NFDB funded the National Centre for Aquatic Animal Health (NCAAH), Kochi for the establishment of 64 nos. of Backyard-RAS units in Telangana a total project cost of Rs. 448 lakh with NFDB share of Rs. 161.406 lakh, State share of Rs.102.48 lakh and beneficiary share of Rs.191.80 lakh. A sum of Rs.80.69 lakh was released to NCAAH, Kochi for setting up of 32 units. The project was continued during FY 2020-21 and a sum of Rs. 3.79 lakh was released to NCAAH, Kochi. Construction of 26 tanks were completed and aeration and filtration equipment is being installed by CUSAT, Kochi. NFDB during 2020-21 has also sanctioned and released Rs.2.24 lakh to Dept. of Aquatic Biology & Fisheries, Karaivattom, Kerala University for construction of backyard RAS. During FY 2019-20, NFDB has sanctioned a project for construction of one unit of RAS at College of Fisheries, RPCAU, Bihar College campus through NCAAH, Kochi at a TPC of Rs.7.35 lakh for training and demonstration for students and





farmers and released Rs. 2.94 lakh. The second instalment of Rs.4.41 lakh was released during FY 2020-21. The unit has been setup and is being used to do research for customization of selected indigenous high value fish.

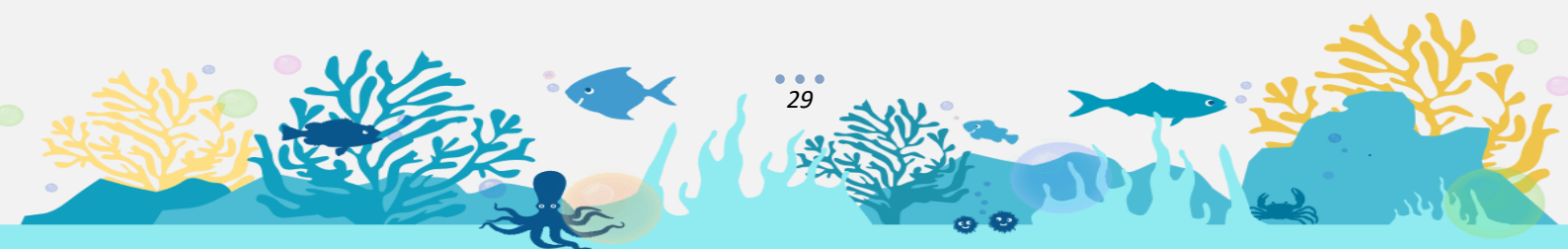
2.3.13 Standardization and Demonstration of Monosex Tilapia in pond culture at Bihar

NFDB during FY 2019-20 had funded the project on 'Standardization and Demonstration of monosex Tilapia culture in freshwater pond' to the College of Fisheries, Rajendra Prasad Agricultural University, Pusa, Bihar at a total project of Rs.20 lakh with 100% financial assistance and released first instalment of Rs.7 lakh. During 2020-21, second instalment of Rs. 7 lakh was released for the same. The culture of monosex Tilapia is under progress.

2.3.14 Demonstration of Efficacy of Carp Brood Stock Diet "CIFABROOD™" in seed production of IMC

NFDB during FY 2017-18 had funded the project "Demonstration of Efficacy of Carp Brood Stock Diet CIFABROOD™" to ICAR- CIFA at total project cost of Rs.115 lakh to provide a readily acceptable and adequately nutrient rich diet to the brood stock of Indian Major Carps in selected hatcheries. An amount of Rs. 67.50 lakh was released to ICAR-CIFA up to 2019-20 for the project in two instalments. Under the project, CIFABROOD™ Feed was supplied to 36 hatcheries in 7 states and the spawn production and survival was found comparatively higher in the CIFABROOD™ fed fish. During FY 2020-21, the third instalment of Rs.16.43 lakh was released to ICAR-CIFA for this project.

2.3.15 Up scaling and Demonstration of Nursery and Grow Out Carp Feeds





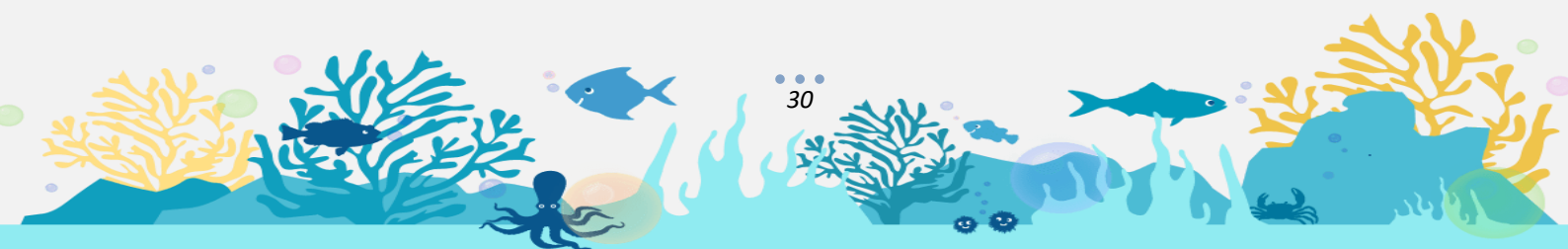
NFDB during FY 2017-18 had funded the project “Up scaling and Demonstration of Nursery and Grow Out Carp Feeds’ to ICAR-CIFA at total project of Rs. 59.787 lakh with 100% financial assistance. An amount of Rs.29.88 lakh was released to ICAR-CIFA upto 2019-20 in two instalments During FY 2020-21, NFDB has released third instalment of Rs.29.91 lakh for this project. The performance of nursery



feed from spawn to fry was successfully demonstrated in three states involving private farms in the states of Odisha, West Bengal and Chhattisgarh. The experiment showed that, the survival percentage of fish was 20 percent higher and growth rate was 1.5- 2.0 times of the existing method of feeding. The demonstration experiment was simultaneously conducted in five locations of Odisha i.e. State Fishery Farm, Keonjhar, College of Fisheries, Rangailunda (OUAT); Berhampur; KVK, OUAT, Ranital, Bhadrak; ICAR-CIFA, Bhubaneswar and Sahu Fish Farm, Subarnapur, Gop, Puri during the 2nd phase (fry to fingerling). The performance of Carp starter feed was successfully demonstrated in six multi-locational trials involving private and Govt. farms of Odisha. The experiment showed that, the survival percentage of carp fry was 25 percent higher and growth rate was 1.5- 2.0 times of the existing method of feeding.

2.3.16 Pilot project on Ornamental Fisheries

To promote ornamental fisheries, NFDB had implemented a pilot project for integrated development of ornamental fisheries. The project envisages ornamental fish production through cluster based farming and conservation of natural resources, both inland and marine. The project was implemented in nine States namely Assam, Bihar, Kerala,





Karnataka, Tamil Nadu, Maharashtra, Chhattisgarh, West Bengal and Andhra Pradesh. NFDB had released a sum of Rs.7.79 crore during the last three years upto FY 2019-20.

NFDB envisages a cluster approach to encourage captive breeding and rearing for the overall development of ornamental fisheries in the country. NFDB extended financial and technical support in developing 19 such clusters in 8 States. A sum of Rs. 140.76 lakh has been released by NFDB during 2020-21 to the States of Assam, Andhra Pradesh and Tamil



Smt Aimoni Saikia (Backyard unit), Dhing, Nagaon

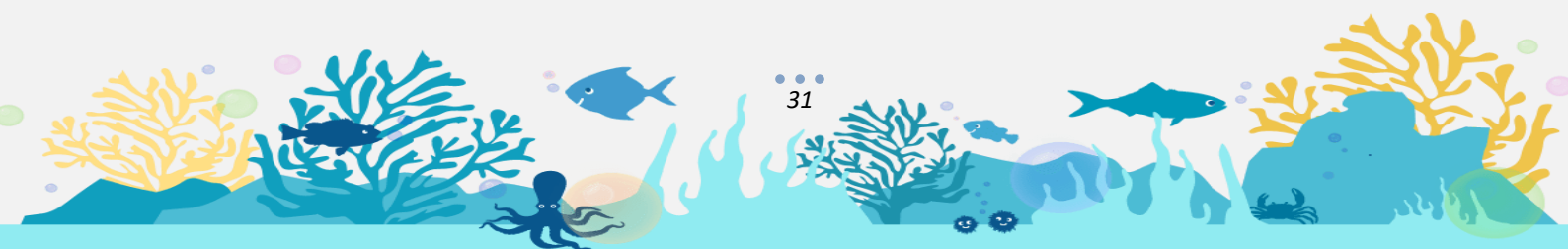


Smt Bhanu Saikia (Backyard Unit), Dhing, Nagaon

Nadu for continuation of the program. The project has effectively added value to the traditional ornamental rearing practices by integrating different units in the cluster mode and has also assisted the beneficiaries in having assured input and output linkages.

2.3.17 Integrated Paddy-cum-Fish Culture in Senapati District, Manipur

NFDB during 2018-19 sanctioned the project on Paddy cum Fish culture in Manipur with a total cost of Rs.25.52 lakh with NFDB share of Rs.14.36 lakh. The agriculture farmers of Poumai tribals in Tungjoy village have taken up paddy cum fish culture in 5 ha area in their paddy fields by renovating the fields and





creation of central refuge ponds. All the 20 farmers were trained and fish (common carp and grass carp) seeds were stocked for culture. The third & final instalment of Rs.5.14 lakh was released during FY 2020-21.

2.3.18 Capacity Building of Knowledge Intermediaries and Primary Stakeholders in Fresh Water Aquaculture through Virtual Learning

NFDB during 2017-18 funded the project on Capacity Building of Knowledge Intermediaries and Primary Stakeholders in Fresh Water Aquaculture through Virtual Learning to ICAR-CIFA at a total project cost of Rs.56.557 lakh with 100% financial assistance. Content collection for



Capacity Building of Knowledge Intermediaries and Primary Stakeholders in Fresh Water Aquaculture and storyboard development for the different modules was undertaken with the close guidance of the domain experts. A sum of Rs.42.42 lakh was released to ICAR-CIFA in two instalments upto FY 2018-19. During the year, NFDB has released third & final instalment of Rs.11.20 lakh. Storyboard under different stages of development and video footages for the essential culture operations were recorded on a regular basis. Major thrust has been given to create a database of all the stakeholders in the freshwater aquaculture sector. A comprehensive database of the community radio station networks in the country was created.

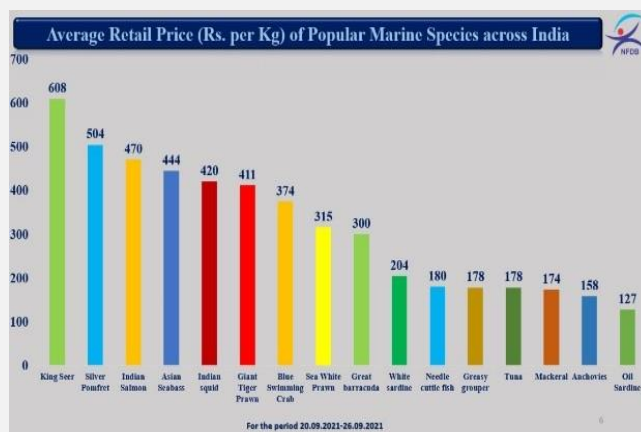
2.3.19 Fish Market and Price Information System (FMPIS)

NFDB in collaboration with ICAR-CMFRI under e-governance projects has developed Integrated software for Fish Market and Price Information System (FMPIS) for accessing updated fish prices at various markets across the country. FMPIS promotes trading of commercially important fish species across the country. FMPIS facilitates better marketability (fisher/seller) and accessibility (consumer/buyer) of fish. NFDB has





initially started FMPIS on pilot basis in 6 States/UT's (Telangana, Maharashtra, Andhra Pradesh, Kerala, Tamil Nadu and Puducherry) and covered 81 markets. The implementation of pilot mode was carried out successfully and the reports received were all positive. It is proposed to expand the FMPIS by covering 1500 markets throughout the country on phased manner. During FY 2020-21, about 200 number of markets are covered from 12 States/UTs of South and North East India.

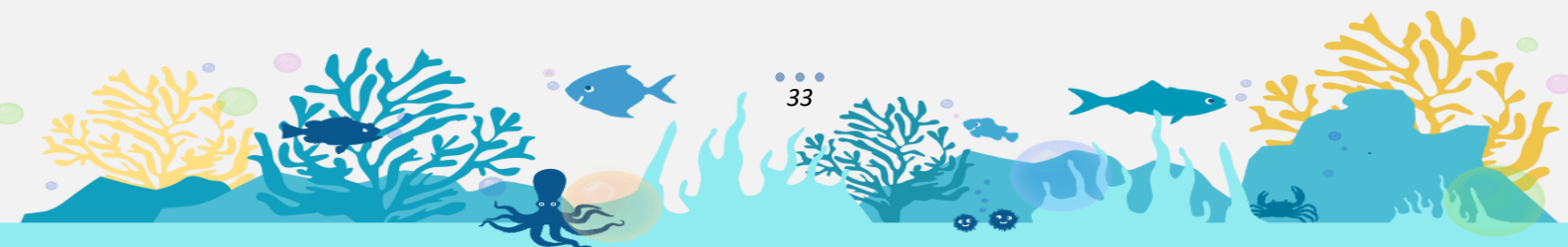


2.3.20 Establishment of Mobile Fish Retail Outlets in Telangana

During FY 2019-20, NFDB funded the project 'Purchase and Operation of 150 mobile fish retail outlets by unemployed women' to Commissioner of Fisheries, Govt. of Telangana at a total project cost of Rs. 1500.00 lakh with NFDB share of Rs.540.00 lakh. NFDB had released an amount of Rs.450.00 lakh till now towards the implementation of the project so as to promote the Domestic Fish consumption and to achieve the per capita fish consumption of 12kg/annum in state of Telangana. So far 125 mobile kiosks have been distributed to the beneficiaries.



2.3.21 Upgradation of Matsyadharshini Retail outlet and establishment of Training centre at Telangana





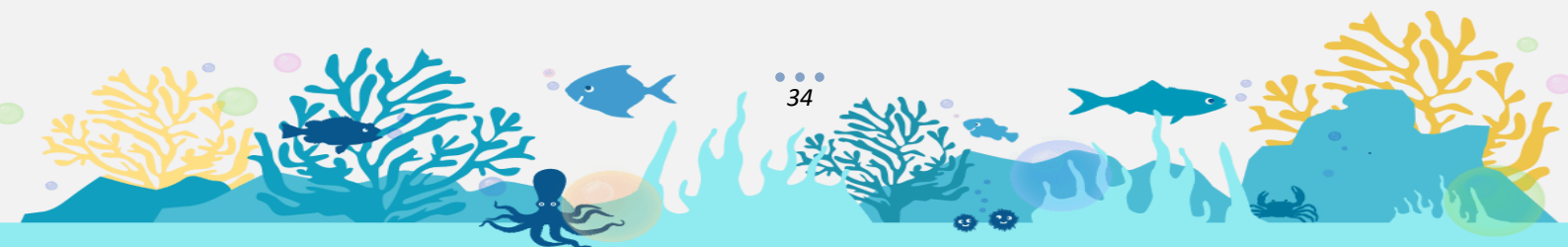
NFDB has funded the project on upgradation of Matsyadharshini Retail outlet and establishment of Training centre to Telangana Fishermen Co-operative Federation (TSFCOF). The project aimed to establish modern hygienic conditions, promote the fish consumption, improve the marketing sector through integration of all activities such as sale of live fish, fresh fish, chilled fish, dry fish, cooked fish products etc. and also to impart training on making traditional/regional fish recipes/fish cuisines. The project was sanctioned during 2019-20 with 50% NFDB share amounting to Rs.15.85 lakh and released Rs.7.93 lakh. During 2020-21, NFDB has released a sum of Rs.6.98 lakh to DoF, Telangana for the upgradation of Matsyadharshini Retail outlet.



2.3.22 Development of Bharat Nagar Metro Station Retail Fish Market

NFDB has established a modern & hygienic fish retail market at Bharat Nagar, Hyderabad by modifying 16 shops (each of 100 sqft) of Hyderabad Metro Rail Limited (HMRL) situated near Bharat Nagar Metro station in Hyderabad into fish retail outlets with all required facilities such as water supply system, drainage system, fish cutting platform, Bottom flooring, providing electrical supply to each stall, machinery & equipment for chilling etc. The project was sanctioned during FY 2018-19 at a cost of Rs.43.48 lakh and first instalment of Rs.4.34 lakh was released to the EE, CPWD-IV, Hyderabad. During FY 2020-21, NFDB has released the balance amount of Rs.39.132 lakh to EE, CPWD-IV, Hyderabad. The retail outlets are being rented out to fishers & their co-operatives and other entrepreneurs for fish vending.

2.3.23 Purchase of two mobile Food Trucks (KIOSK) by TSFCOF





The Department of fisheries, Telangana proposed for procurement of two mobile food trucks by the Telangana State Fishermen Coop. Societies Federation Ltd. (TSFCOF) Hyderabad to operate in the city for selling of ready-to-eat and ready-to-cook items. They will also train unemployed youth and fisher-folk for alternative livelihood opportunities. The proposal was sanctioned at a total cost of Rs.10 lakh. During 2020-21, NFDB has released the second and final instalment of Rs.5 lakh to CoF, Telangana for the said project after the trucks were procured by the Federation.



2.3.24 Establishment of Mobile Fish Kiosks and Mobile Sea Food Restaurants

Tamil Nadu Fisheries Development Corporation (TNFDC) has proposed to create exclusive value chain facilities for two major seafood varieties namely Tuna and Shrimp having lot of scope for domestic consumption. TNFDC had established Mobile Fish Kiosks and Mobile Sea Food



Restaurants at various places of Tamil Nadu, also developed with logo "*Idhunammaooru Meengal*" for marketing fish and fishery products. In view of the above, NFDB during 2019-20 has sanctioned the project of TNFDC for the creation of innovative retail outlet value chain facilities for domestic marketing of shrimp and Tuna delicacies in Chennai at a cost of Rs.15 lakh and released first instalment of Rs.7.50 lakh. TNFDC has set up the facilities and NFDB has released the second instalment of Rs.7.50 lakh during 2020-21.

2.3.25 Establishment of Wholesale Fish Markets in Tamil Nadu

NFDB envisages to ensure food safety compliance mechanism in domestic whole sale or retail fish market and, to raise them to international standards so as to accelerate growth of the domestic marketing sector in the country. NFDB had sanctioned construction of wholesale fish markets with cold chain facilities in Tamil Nadu at





Karumandichellipalyam, Erode and Anichampalayam, Villupuram. The market can have 10 retail outlets, 20 retail outlet and 50 retail outlets units with common cold storage facilities, waste collection & disposal units, fish cleaning and dressing space, auctioning platforms water and power supply facilities, waste water disposal through drainage system etc.. The implementing agency is Department of Fisheries, Govt. of Tamil Nadu. A sum of Rs. 45.06 lakh was released for these projects during FY 2020-21.

2.3.26 Expansion of Aquatic Quarantine Facility under MPEDA

Aquatic Quarantine Facility (AQF) at Chennai, the first of its kind in the country, was funded by NFDB and established by MPEDA-RGCA to ensure the SPF status of imported brood stock of shrimp *Litopenaeus vannamei*. In order to meet out the growing demand of *L. vannamei* seed by the shrimp farmers, NFDB during FY 2018-19 had sanctioned the proposal of MPEDA/RGCA for the expansion of the AQF with addition of 6 more cubicles at an estimated cost of Rs. 500 lakh. As proposed by MPEDA based on the escalation in the cost estimate for civil works due to revision in the SoR and for the procurement of machinery and equipment, an additional amount of Rs 230 lakh was sanctioned and released to MPEDA/RGCA during 2020-21. The additional six cubicles increase the cumulative capacity to accommodate 7,33,400 nos. of brood stock to support the growing demand of *L. vannamei* seed and ensure sustained development of shrimp aquaculture in the country.



2.3.27 Aquatic Animal Health & Quality Testing Laboratory





The Aquatic Animal Health & Quality Testing Laboratory (AAH&QTL) was established in 2019 by NFDB under Department of Fisheries, Ministry of Fisheries, Animal Husbandry & Dairying Government of India to develop and maintain up-to-date aquatic animal health management strategy to support the sustainable development and management of the aquaculture sector.

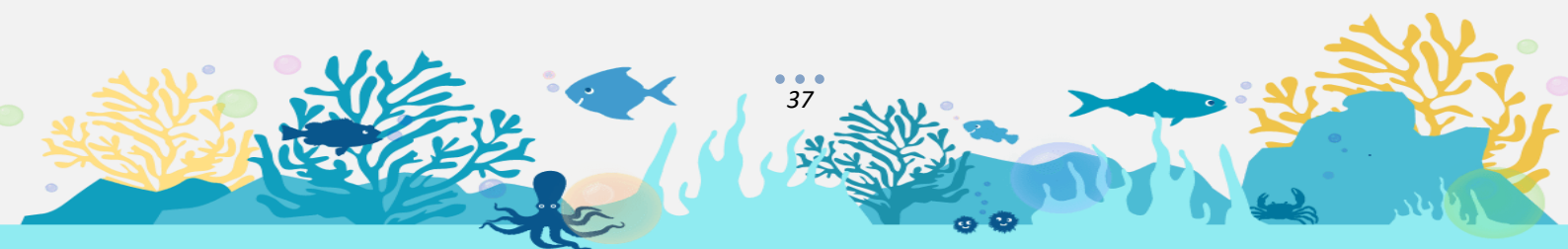
AAH&QTL is soundly equipped with contemporary, advanced and



comprehensive facilities to offer services including disease diagnostic and residues testing in crustaceans, fin-fishes & other aquatic animals meant for national and international trade. AAH&QTL is recognized by the Coastal Aquaculture Authority as “National Referral Laboratory of CAA for Aquaculture” to test the samples referred under the Coastal Aquaculture Authority Act. Further, it hosts facilities for Molecular Diagnostics Laboratory (MDL), Microbiology Laboratory, Residual Testing Laboratory, Feed, Water & Soil quality testing Laboratory.

2.4 Fisheries & Aquaculture Infrastructure Development Fund (FIDF)

The Government of India has taken several initiatives to harness the untapped potential of the fisheries and aquaculture sector. To address the critical gaps in fisheries infrastructure, the Government created the Fisheries and Aquaculture Infrastructure Development Fund(FIDF) in 2018-19. FIDF entails an estimated fund size of INR 7,522 crore, comprising of INR 5,266.40 crore from Nodal Loaning Entities (NLEs) like National Bank for Agriculture and Rural development (NABARD), National Cooperatives Development Corporation (NCDC), all Scheduled banks; INR 1,316.60 crore as beneficiaries’ contribution; and INR 939.48 crore as budgetary support from Government of India.





FIDF will help in improving the infrastructure facilities in marine and inland fisheries sectors, achieving sustainable growth of 8-9% and target of 20 MMT fish production by 2022-23. This will eventually generate employment for over 9.40 lakh fishers in the country. FIDF attracts private investment in fisheries sector, thereby adopting of new and innovative technologies by fishers.

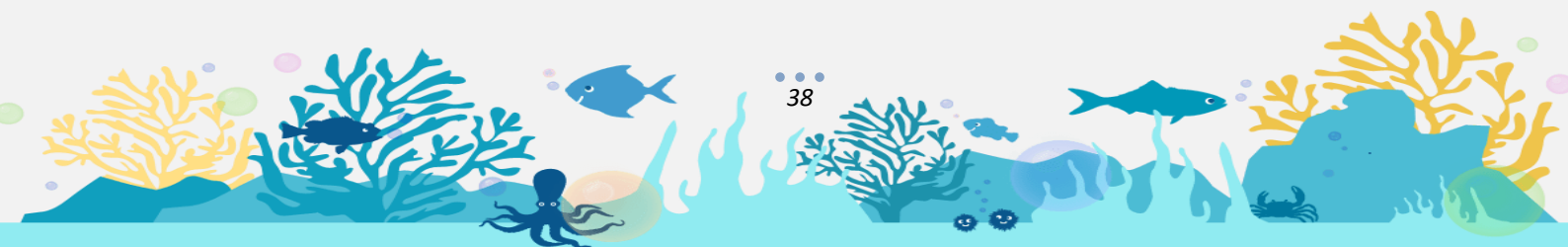
NFDB is the nodal implementing agency for FIDF Scheme. NFDB receives proposals from eligible entities, undertakes scrutiny of proposals and place it before the Central Approval & Monitoring Committee (CAMC) for approval.

During FY 2020-21, a total of 38 projects were approved by the CAMC at a total project cost of Rs.1919.94 crore with eligible interest subvention amount of Rs.1190.42 crore. Out of these, Banks have sanctioned Rs.348.09 crore and disbursed Rs.193.77 crore



The activity wise status of CAMC Approved/Recommended proposals are as follows:

S.No	Name of the activity	No. of proposals	Total Project Cost (Rs. In Cr)
1	Development of Aquaculture	1	2.16
2	Setting up of Brood Banks	1	5.62
3	Construction of Cold Storages (both Marine and Inland Fisheries Sector)	4	9.64
4	Construction of Ice Plants(both Marine and Inland Fisheries Sector)	3	7.32
5	Fish Processing Units	2	15.607
6	Establishment of state of the art of Fisheries Training Centres	3	9.6
7	Establishment of Fishing Harbours	8	1759.92
8	Development of Hatcheries	1	4.7
9	Any other Innovative Projects/activities designed to enhance fish production/productivity /Value(IA)	8	75.779
10	Modernization of Fish Seed Farms	7	29.59
Grand Total		38	1919.936

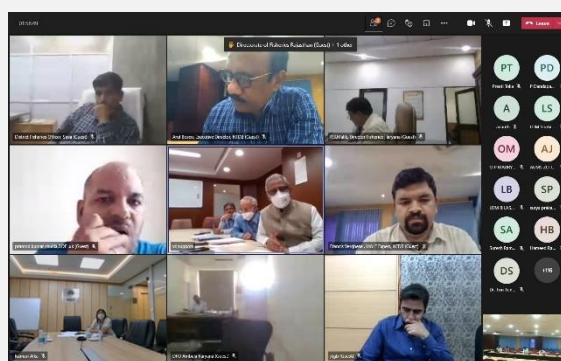




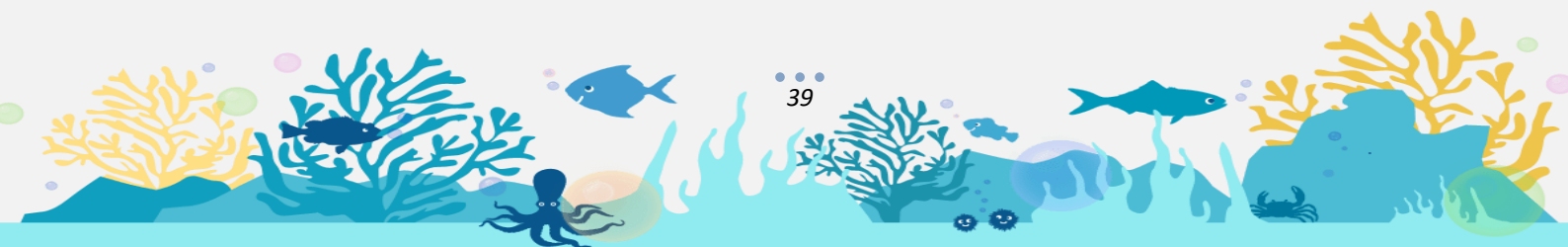
FIDF AWARENESS CREATION

NFDB being the Nodal Implementing Agency for FIDF, has been in the forefront for creating awareness of FIDF scheme. NFDB interacted through different media to communicate the benefits of FIDF scheme with the stakeholders like entrepreneurs, investors, fish farmers, State department officials, NABARD, NCDC, SLBC Conveners & representatives of Scheduled banks.

For the wider publicity of the scheme, awareness created among the Fish Farmers, Entrepreneurs through conducting webinars, workshops with the entrepreneurs, fish farmers, State Departmental officials, Bankers, NABARD, and NCDC officials to create an awareness on FIDF Scheme. Wide publicity has



been given through social media platforms viz, Twitter, Facebook and Instagram. Posters/Advertisements explaining the FIDF scheme activities; interest subvention etc are made and extensively used in the social media platforms. Advertisements through print media throughout the Nation in English, Hindi & other vernacular languages like Tamil, Marathi, Kannada, Telugu. Two-page brochure and FAQs on FIDF prepared and uploaded on NFDB website and circulated to all states requesting to upload in their respective State Department of Fisheries website and DoF website. A query cell is setup to address the queries regarding FIDF scheme and the procedure to apply under FIDF from Entrepreneurs and small fishermen to avail the benefit under FIDF. Extensive IEC activities were undertaken through print and social media to create awareness and advantages of the FIDF scheme.





2.5 Important Programmes organised by NFDB

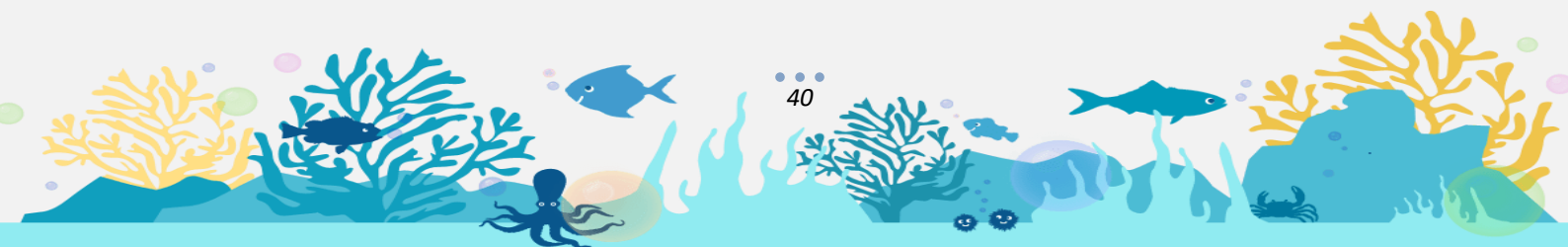
2.5.1 CELEBRATION OF WORLD FISHERIES DAY 2020

2.5.1.1 The Department of Fisheries in the Ministry of Fisheries, Animal Husbandry and Dairying celebrated World Fisheries Day at NASC Complex in New Delhi on 21st November 2020. NFDB coordinated with the Department of Fisheries in organizing the event. The Hon'ble Minister of State for Fisheries, Animal Husbandry & Dairying Shri Pratap Chandra Sarangi, Chief Guest inaugurated the World Fisheries Day celebration 2020. The Hon'ble Minister of Fisheries, Govt. of Uttar Pradesh, Shri Laxmi Narayan Chaudhary was present as the Guest of Honour.



2.5.2 Release of PMMSY Logo, PMMSY portal and PMMSY Dashboard

Shri Pratap Chandra Sarangi, Hon'ble Minister of State for Fisheries, Govt. of India released the PMMSY Logo, PMMSY website and PMMSY Dashboard on the occasion of World Fisheries Day 2020 at New Delhi





2.5.3 Release of NFDB Publications

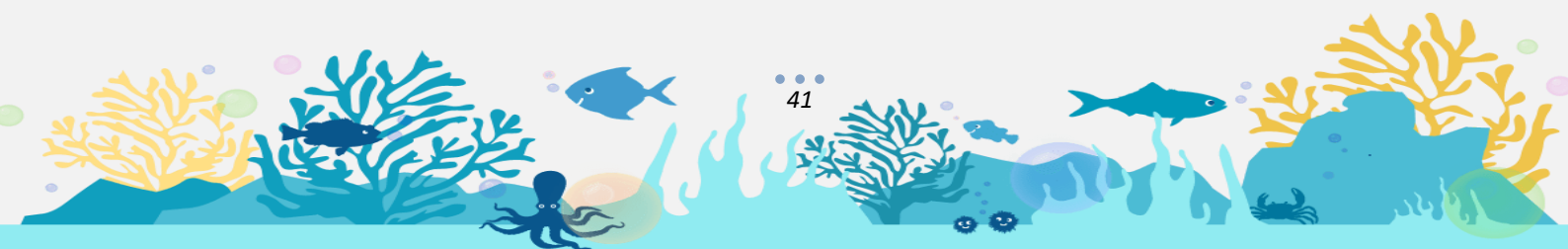
The Hon'ble Minister of State for Fisheries, Animal Husbandry & Dairying had released six booklets on "Recent Trends on Aquaculture" published by NFDB namely (i) Marine Fish Culture, (ii) Bio-floc Fish Culture, (iii) Recirculatory Aquaculture System, (iv) Murrel Culture in Ponds, (v) Trout Culture in Raceways and (vi) Trout Culture in Recirculatory Aquaculture System.



2.5.3 NFDB Awards in Fisheries & Aquaculture






NFDB under Department of Fisheries Ministry of Fisheries, Animal Husbandry and Dairying, Govt. of India, has institutionalized awards in seventeen categories to felicitate and honor fish farmers and fishers during Fish Farmers Day and World Fisheries Day in recognition of their accomplishments in innovation, development and adoption of improved technologies and practices in aquaculture and fisheries activities. Under each category, there are two awards (1st & 2nd position). The felicitation comes with Certificate of Recognition, Trophy, Shawl, Citation and Cash prize.

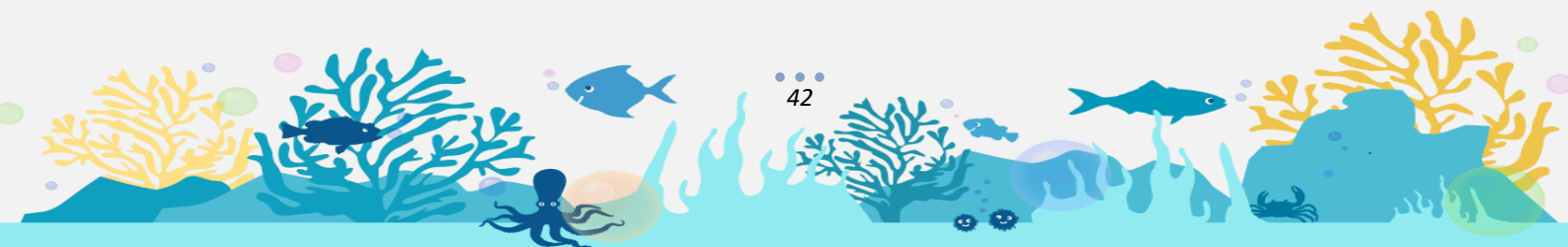
During the World Fisheries Day 2020 celebrations, awards were presented under categories such as Best State, Best District, Best Quasi Government Organization/ Federation/Corporation/Board, Cooperative Societies/FFPO/SHGs, Best Enterprise/Entrepreneurs, Best Fishers and Fish Farmers and Best Hatchery, in recognition of their accomplishments in fish production and productivity, development and adoption of improved technologies and practices in fish farming





List of the Awardees, Category and State

	<p>Odisha Best Marine State (Award Prize – Rs. 10.0 lakhs)</p>
	<p>Uttar Pradesh Best Inland State (Award Prize – Rs. 10.0 lakhs)</p>
	<p>Assam Best Hilly & North Eastern State (Award Prize – Rs. 10.0 lakhs)</p>
	<p>Tamil Nadu Fisheries Development Corporation Ltd. Best Marine Quasi Government Organization/Federation/Corporation/Board (Award Prize – Rs. 10.0 lakhs)</p>
	<p>Telangana State Fishermen Cooperative Societies Federation Ltd Best Inland Quasi Government Organization/Federation/Corporation/Board (Award Prize – Rs. 5.0 lakhs)</p>





	<p>Assam Apex Co-operative Fish Marketing & Processing Federation Ltd Best Hilly & North Eastern Quasi Government Organization/Federation/Corporation/Board (Award Prize - Rs. 5.0 lakhs)</p>
	<p>Krishna District, Andhra Pradesh Best Marine District (Award Prize - Rs. 3.0 lakhs)</p>
	<p>Kalahandi District, Odisha Best Inland District (Award Prize - Rs. 3.0 lakhs)</p>
	<p>Nagaon District, Assam Best Hilly & North Eastern District (Award Prize - Rs. 3.0 lakhs)</p>





**M/s. Sai Aqua Feeds, Bapatla, Guntur,
Andhra Pradesh**
Best Fisheries Enterprises
(Award Prize - Rs. 2.0 lakhs)



**M.M. Fish Seed Cultivation Private Ltd,
Chhattisgarh**
Best Fisheries Enterprises
(Award Prize - Rs. 2.0 lakhs)



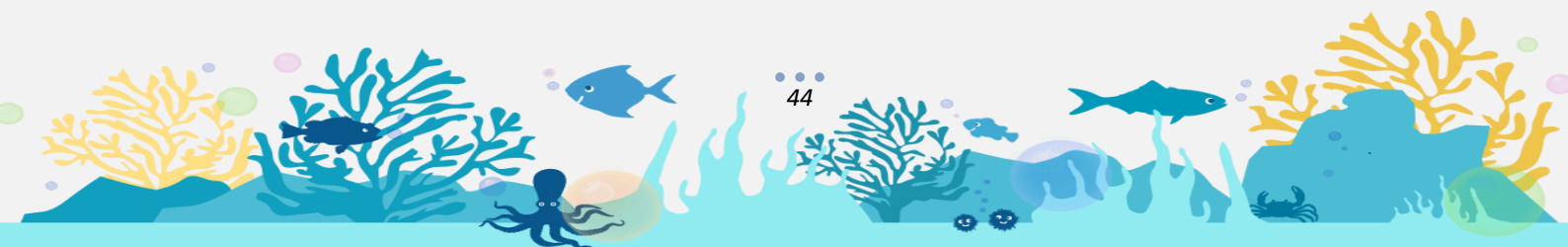
Sashmi Foods Pvt Ltd, Karnataka
Best Fisheries Enterprises
(Award Prize - Rs. 2.0 lakhs)



**Sahyadri Aquarium Fish Producer Company
Ltd, Kerala**
**Best Fisheries Cooperative
Societies/FFPO/SHGs**
(Award Prize - Rs. 2.0 lakhs)

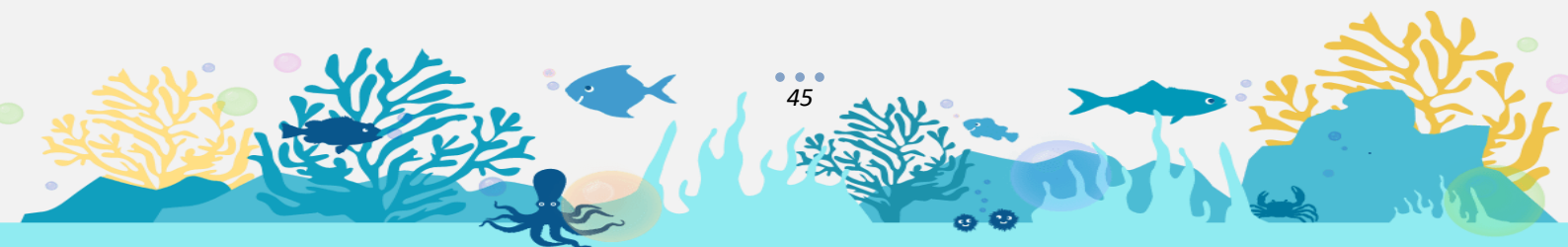


**Nambikkai Fish Farmers Group (SHG),
Tamil Nadu**
**Best Fisheries Cooperative
Societies/FFPO/SHGs**
(Award Prize - Rs. 2.0 lakhs)



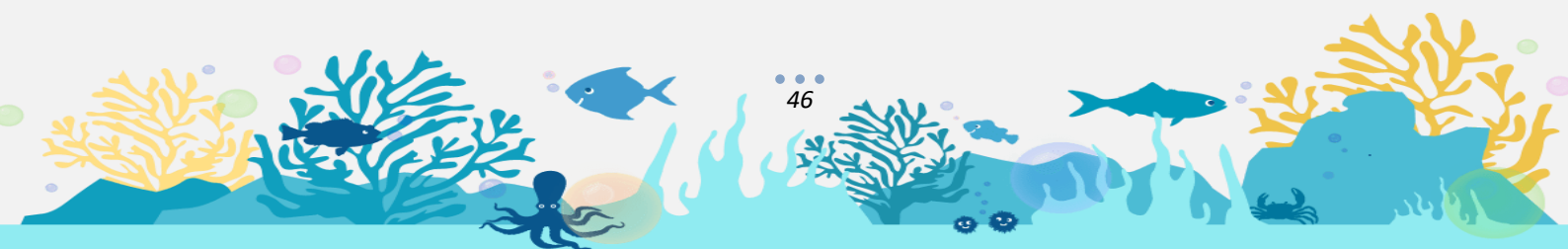


	<p>Narakkal Nayarambalam FDWCS, Kerala Best Fisheries Cooperative Societies/FFPO/SHGs (Award Prize - Rs. 2.0 lakhs)</p>
	<p>M/s R. S. Polyplast, Delhi Best Individual Entrepreneurs (Award Prize - Rs. 1.0 lakhs)</p>
	<p>M/s. M. I. K. Fish Company, Dhamtari, Chhattisgarh Best Individual Entrepreneur (Award Prize - Rs. 1.0 lakhs)</p>
	<p>Shri. Chinnasamy, Tamil Nadu Best Fish Farmer (Marine State) (Award Prize - Rs. 1.0 lakhs)</p>
	<p>Shri. Surender, Haryana Best Fish Farmer (Inland State) (Award Prize - Rs. 1.0 lakhs)</p>





	<p>Shri. Amal Medhi, Assam Best Fish Farmer (Hilly & North Eastern State) (Award Prize - Rs. 1.0 lakhs)</p>
	<p>Kailash Ramchandra Varma, Madhya Pradesh Best Finfish Hatchery (Award Prize - Rs. 1.0 lakhs)</p>
	<p>Marine Private Limited, Visakhapatnam, Andhra Pradesh Best Shrimp Hatchery - Ravi Kumar Yellanki - Vaisakhi Bio - (Award Prize - Rs. 1.0 lakhs)</p>





2.5.4 Hindi Pakhwada Celebrations:

NFDB has celebrated Hindi Diwas on 14.09.2020. All the officers and staff participated in the Celebration of Hindi Diwas. Officers and staff talked about the importance of Hindi as Rashtra Basha and impressed on the usage of Hindi in official correspondence and some recited poetry and quotations in Hindi.



2.5.5 Rashtriya Ekta Diwas/National Unity Day

NFDB has organized Rashtriya Ekta Diwas on 31st October 2020 with a view to observe Rashtriya Ekta and all officers and staff participated and pledged for re-affirming the inherent strength and resilience of the people to withstand threats to the security, unity and integrity of the country.

2.5.6 Constitution Day

NFDB has organized Constitution Day on 26th November 2020 and all officers and staff read the preamble to commemorate the adoption of the Constitution on 26th November, 1949 and resolved to uphold the ideals enshrined in Preamble of the Constitution of India.



2.5.7 Vigilance Awareness Week - 27th October to 2nd November, 2020

Vigilance awareness week was organized by NFDB from 27th October to 2nd November, 2020 with the theme "Satark Bharat, Samriddh Bharat: Conducted Lecture on Vigilance procedures by Shri. P.J.Vijayakar, IFS Additional Principal Chief Conservator of Forests, Office of Principal Chief Conservator of Forests & Head of Forest Forces,





Govt of Assam through webinar on 22.10.2020. Arranged “Integrity Pledge” on 27.10.2020 with the employees of the organization. Conducted Lecture as part Vigilance awareness week by Sri. Sadanana Date, IPS Commissioner of Police of Mira Bhayandar Vasai Virar Commissionerate, Maharashtra through webinar on 27.10.2020.

3. Year wise Budget Allocation

Status of funds received as grant from Government of India and utilized from inception of the Board is given below.

Amount Rs. in Lakh

Year	Grant in aid Received	Sanctioned Amount	No. of Projects sanctioned
2006-07	3000	259.17	18
2007-08	5000	2,371.23	175
2008-09	4690	7,891.38	150
2009-10	10000	11,230.58	147
2010-11	9230	14,705.80	255
2011-12	10800	19,545.97	279
2012-13	10681	18,484.52	268
2013-14	12416	15,782.78	383
2014-15	13760	6,873.76	445
2015-16	14868	3,395.72	192
2016-17	3239.03	3,902.22	234
2017-18	1600.52	2,315.57	108
2018-19	10261.7	8632.21	260
2019-20	8000.75	8000.75	204
2020-21	8395.00	3475.29	113





4. NFDB REGIONAL CENTRES

4.1 NFDB Eastern Regional Centre, Bhubaneswar

Quality fish seed is one of the key inputs for augmenting fish production. With use of good quality seed only, aquaculture production can be enhanced as much as 15-30 % without additional input or cost. This production can be further enhanced through use of Genetically Improved Seed. Genetically Improved Seed can be reared with existing endowment of farmers and can be harvested obtaining higher yield per unit area. It will not affect the other indigenous species under culture. The adoption of genetically improved strains will have faster growth rate leading to increase fish production, enhance profitability, and economic gain for the fish farmers as well as the nation. The supply of quality brooder to hatchery owners for production and supply of quality fish seed is prerequisite for rapid expansion and growth of aquaculture. Keeping in view if this, NFDB-ERC (National Freshwater Fish Brood Bank) is always in a mission to fulfil its mandates.

4.1.1 Technology Provider/ Partner:

ICAR- CIFA- The genetically improved varieties of Rohu and Catla, such as “Jayanti Rohu” and “Improved Catla” were developed by ICAR-CIFA, Odisha.

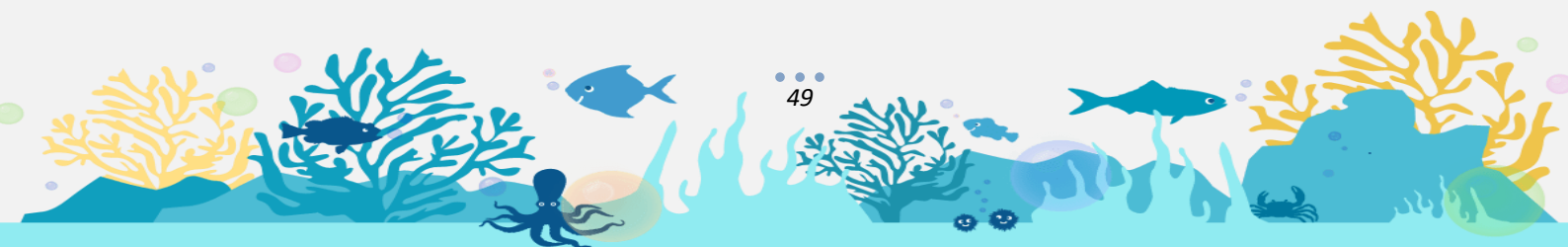
.KVAFSU- “Amur Common Carp” which is a Hungarian Common Carp strain was developed by KVAFSU, Karnataka.

4.1.2 NFDB-ERC ACTIVITIES:

During the financial year, 2020-21, the activities carried out at NFDB-ERC are briefed below.

- ❖ Sale of Fish Seed & Revenue Generation
- ❖ Sale of Brooders & Revenue Generation
- ❖ Creation of Infrastructure Works at NFDB-ERC
- ❖ Networking of Hatcheries & Fish Seed Growers
- ❖ Extension Activities

The detailed information on the above mentioned points are provided in the following pages.

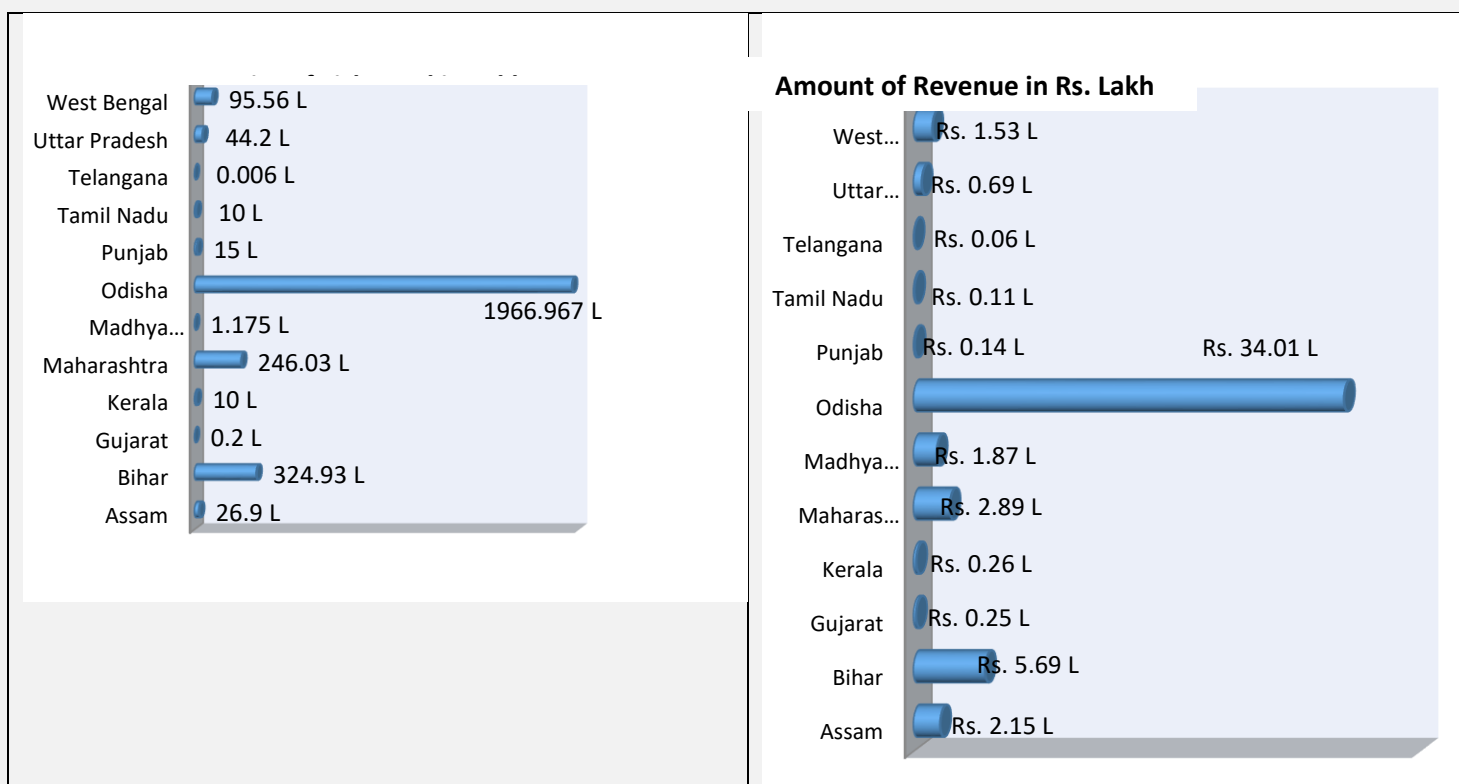




SALE OF FISH SEED AND REVENUE

In spite of COVID-19 lockdown constraints, NFDB-ERC could disseminate 27.41 crore breeder and quality fish seed to twelve States of India. The revenue generated from sale of the said quantity of fish seed is around Rs. 49.66 lakh. This is first time in its history NFDB-ERC could disseminate highest fish seed distribution and also achieved the highest revenue. From the states Odisha has received the maximum seed followed by Bihar, Maharashtra and West Bengal.

The State-wise details are represented in the following charts.

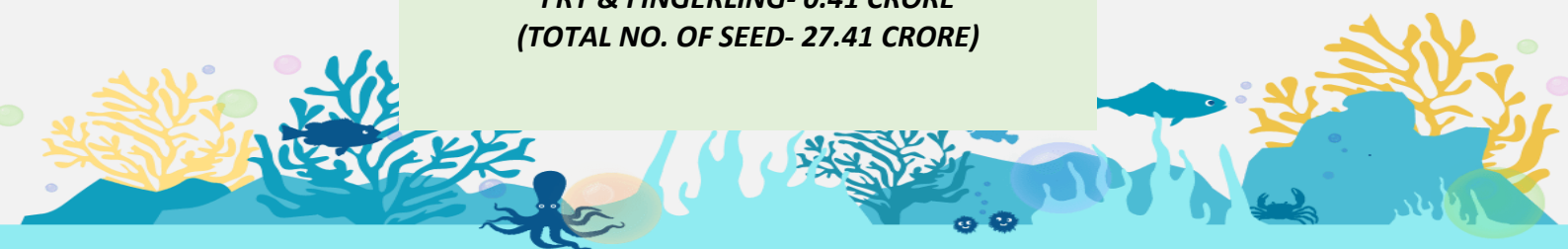


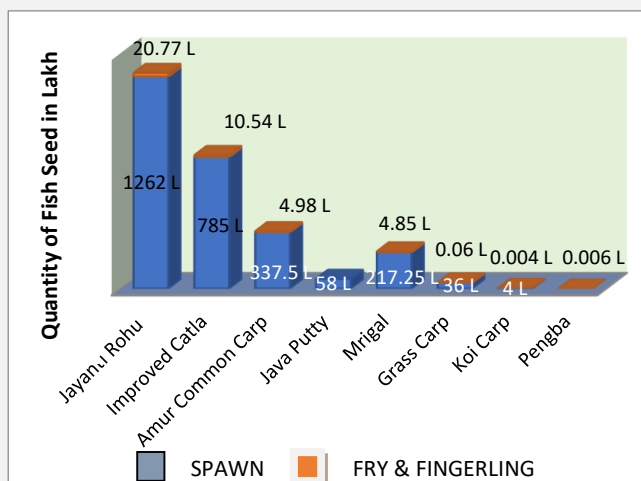
FISH SEED SALE: STATE-WISE REVENUE GENERATION BY SALE OF FISH SEED: STATE-WISE

The fish seed was disseminated in the form of spawn, fry and fingerling of the species available at NFDB-ERC. Details are shown below.

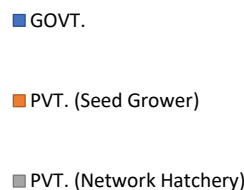
FISH SEED DISSEMINATION- FISH SPECIES & FISH STAGE WISE

SPAWN - 27 CRORE
FRY & FINGERLING- 0.41 CRORE
(TOTAL NO. OF SEED- 27.41 CRORE)



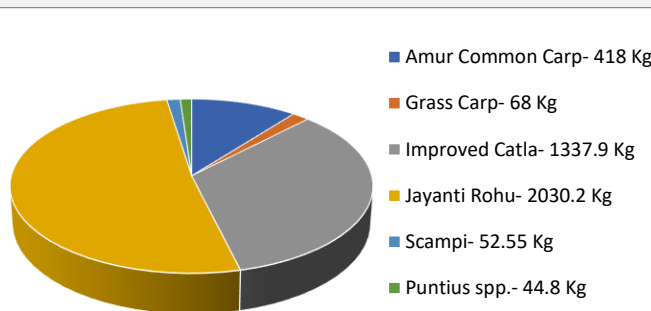
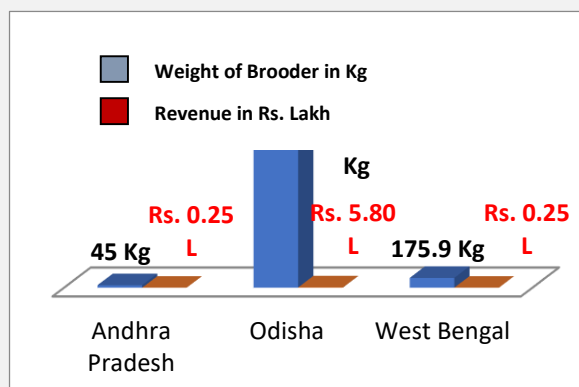


FISH SEED DISSEMINATION- AGENCY WISE



The beneficiaries benefitted with the supply of seed of both GIFS (Genetically Improved Fish Species) and Non- GIFS belong to Govt. Bodies, Pvt. Network Hatcheries and Pvt. Seed Growers.

In addition to fish seed, NFDB-ERC also sells brood fish. During 2020-21, around 4 Tons of brooders of the species, viz. Amur Common Carp, Grass Carp, Improved Catla, Jayanti Rohu, Puntius spp. and Scampi were supplied by NFDB-ERC and an amount of Rs. 6.30 lakh was added to the revenue generation from the sale of the brooders. The Network Hatcheries and other buyers from the States of Odisha, West Bengal and Andhra Pradesh have procured the brooders.



CREATION OF INFRASTRUCTURES AT NFDB-ERC

To increase efficiency of NFDB-ERC, strengthening of infrastructure works at NFDB-ERC has been undertaken year by year. For the year, 2020-21, following earmarked infrastructure works are completed.

- ❖ Construction of rearing tank for Amur Common Carp breeding



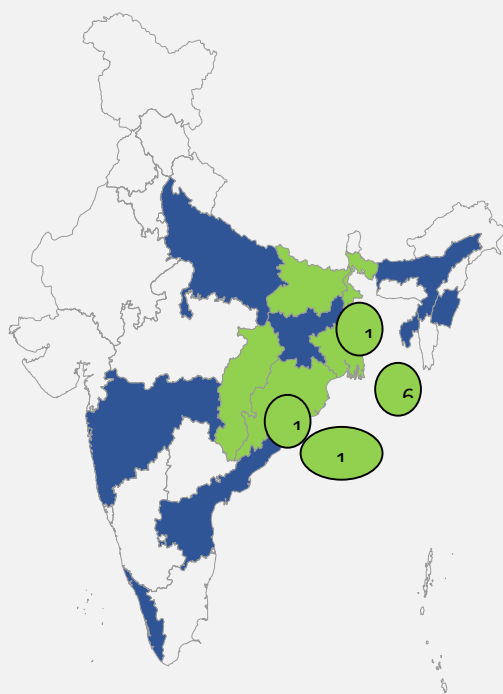


- ❖ Construction of one additional IMC breeding pool
(To undertake breeding of three available IMC species (Jayanti Rohu, Improved Catla & Mrigal) consecutively)
- ❖ Strengthening of dyke between State Govt. and NFDB-ERC farm area
(To demarcate the two farm area clearly)

NETWORKING OF HATCHERIES & SEED GROWERS

Presently, NFDB-ERC is enrolled with 18 Network Hatcheries located in four States, i.e. Odisha, West Bengal, Bihar and Chhattisgarh. The Network hatcheries produced 200 Crores of improved variety seed and distributed the seed to farmers of different states of the country.

In order to facilitate dissemination of GIFS seed, NFDB has launched an opportunity for the leading hatcheries and fish seed growers to be networked with NFDB-ERC to give an experience of a pan-India network to the fish farmers across the country. Under this program, applications from the hatcheries & seed growers are called. By the end of the year, 2020-21, NFDB-ERC has received 37 applications from the hatcheries covering eleven States and also, 26 nos. of seed grower application. Details are shown below:



S. N.	STATE	NO. OF APPLICATION RECEIVED	
		HATCHERY	SEED GROWER
1	Andhra Pradesh	1	2
2	Assam	17	3
3	Bihar	1+1*	4
4	Jharkhand	1	
5	Kerala	1	1
6	Odisha	2+1*	1
7	Maharashtra	1	1
8	Manipur	6	1
9	Tripura	1	11
10	Uttar Pradesh	1	2
11	West Bengal	2+1*	
TOTAL		37	26

* Existing Network Hatchery



States with existing Network Hatcheries



States from which new applications received





EXTENSION ACTIVITIES

After withdrawal of COVID- 19 constraints, NFDB-ERC could conduct one day awareness program on PMMSY and workshop on Dissemination of improved variety fish species and training programs during last quarter of the financial year, 2020-21 as detailed below.

S. No.	Name Of Program	Location	Date Of Program	Participant Details
1	Organization of PMMSY & FIDF Awareness program	Moyna, West Bengal	24 th Feb., 2021	Freshwater Fish Farmers, Seed Growers and FFPO Members No. of Participant: 320
2.	Organization of PMMSY & FIDF Awareness program	Ramganga, West Bengal	25 th Feb., 2021	Freshwater Fish Farmers and Seed Growers No. of Participant: 55
2	Organization of one-day regional workshop	Duba, Ganjam	5 th March, 2021	Hatchery operators, Seed growers & Grow-out farmers No. of Participant : 78
3	Training on “Fish Diseases, Diagnosis and Treatment” (In collaboration with CIFA and Dept. of Fisheries, Odisha)	Duba, Ganjam	5 th & 6 th March, 2021	Hatchery operators, Seed growers & Grow-out farmers No. of Participant: 50
4	Hands-on training on “Breeding & Seed Production Techniques of Amur Common Carp”	NFDB-ERC	17 th March, 2021	Students and Faculties from School of Applied Sciences, Centurion University of Technology & Management (CUTM) No. of Participant: 79





PMMSSY AWARENESS PROGRAM AT MOYNA ON 24.02.2021



PMMSSY AWARENESS PROGRAM AT RAMGANGA ON 25.02.2021



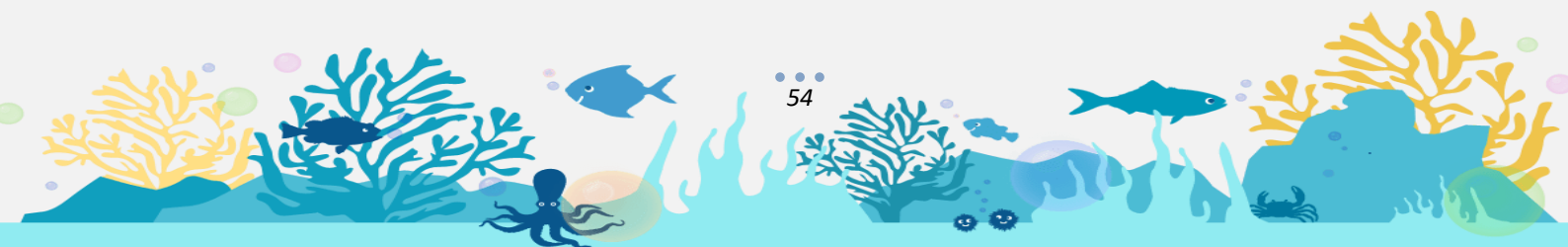
REGIONAL WORKSHOP BY NFDB-ERC AT DUBA, GANJAM ON 05.03.2021



TRAINING ON "FISH DISEASES, DIAGNOSIS AND TREATMENT"
AT DUBA, GANJAM ON 5TH - 6TH MARCH, 2021



HANDS-ON TRAINING ON "BREEDING & SEED PRODUCTION TECHNIQUES OF AMUR COMMON CARP" ON 17TH MARCH, 2021





4.2 NFDB-North East Regional Centre (NERC), Guwahati

NFDB-NERC have been pivotal in implementation of the ongoing projects in the North Eastern region. The project being implemented in the year 2020-21 are as follows:

a. Paddy-cum-Fish culture in 44 ha at 14 Districts of Arunachal Pradesh

NFDB Sanctioned and Released Rs. 26.136 lakh to the Director of Fisheries, Govt. of Arunachal Pradesh for implementation of the project “Paddy-cum-Fish culture in 44 ha area” at 15 different location of Arunachal State. The project involved 87 farmer beneficiaries from 14 districts of Arunachal Pradesh.



b. Paddy-Cum-Fish Culture by Women SHG at Ziro Valley

The Women Self-help Group M/S Gaumco Cooperative Society Ltd, carried out the project at Ziro valley with TPC Rs. 29.80 lakh and NFDB Share of Rs. 18.305 lakh. The Project was successfully completed in 2020 with 32 Women farmers in 12.8 ha yielding production of 420kg/ha. The women SHGs has set an example on remunerative and sustainable ways of fish farming in the fields for enhancing the production and income using the available resources and without much effort in a sustainable manner.



Peripheral trenches in Paddy field



The women SHG with the NFDB funded transport vehicle





c. Paddy-Cum-Fish Culture by tribal farmers at Tungjoy, Manipur

Implementation of the project was coordinated by NERC, Guwahati. The project was successfully completed in 2020 with 20 Tribal farmers (6 Women) in 5 ha yielding production of 320-480kg/ha. The project has uplifted the nutritional as well as income earning of the tribal farmers and created options for additional income generation from utilizing the existing resources by applying scientific approach, without investing much efforts and input.



d. Establishment of 10 Murrel Hatchery for livelihood enhancement of unemployed youths in Manipur

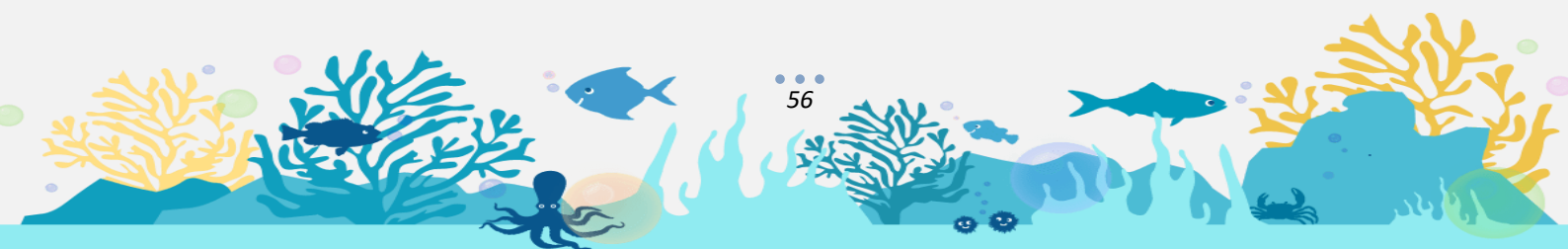
The Project Components includes setting up {3 brood rearing tank of 6x5x1m each, 2 fry rearing tank of 3x1x1m each, 3 fingerling rearing tank of 5x4x1.5m each, 5 grow out ponds of 15x10x1m each} with pumps, fencing and electrical wiring; and one time input. The project is coordinated by NFDB-NERC The project is intended to enhance livelihood of unemployed youths in Manipur in 2018 to be taken up at 4 districts namely Imphal East, Imphal West, Bishnupur and Thoubal. 10 young farmers (4 women) have been benefited through this project.



Breeding Tanks



Brood Rearing Ponds





e. Pilot project on ornamental Fisheries at Assam

NFDB Sanctioned Rs. 274.51 lakh during 2017-18 for the implementation of the project “NFDB pilot project on Ornamental Fisheries at Assam” with the following components:

1. Production of Ornamental Fish Units at 3 districts
 - a. 30 backyard Units
 - b. 4 Medium Units
 - c. 2 Aquatic Plant Unit
 - d. 2 Integrated Unit
2. Establishment of Broodbank by Guwahati University
3. Aquarium Fabrication, accessories, trade and marketing (Cancelled)
4. Promotion of Ornamental Fish activities
5. Skill Development & Capacity Building (5 batches)

The project is a carry forward project with ongoing activities and committed liabilities. NERC has coordinated the implementation of the project. During 2020-21, NFDB have released Rs. 71.533 lakh as the final instalment for the completion of the project. The production units are being take up by Women Self Help Groups and are organised in such a way that the integrated units will breed and supply to the medium units and the medium units in-turn will supply the cultivable sizes to backyard units.



Backyard Unit



Integrated Unit

f. Fish Seed Rearing Units at Kolasib, Mizoram

The project components include construction of new fish seed rearing ponds, conditioning ponds, seed packing sheds, strengthen pond dikes, pond liners and





procurement of accessories like fry/ fingerling collection nets, fish seed packaging accessories like oxygen cylinders, plastic crates and support for inputs and services as per the BR norms. (Maximum of 1 ha per farmer with unit cost of Rs.7.50 lakh). Implementation of the project is coordinated through NERC, Guwahati. Construction of 28 ponds have been completed by 4 ST farmers covering an area of 2.2 ha. at Kolasib District, Mizoram for stocking improved fish varieties as a part of dissemination of improved fish breeds.



TRAINING & EVENTS

a. Events organised/Coordinated by NERC, Guwahati

1. Stakeholders Awareness programme on PMMSY and FIDF in collaboration with DoF, Assam at Sonitpur, Kamrup and Dibrugarh District at Assam during 22nd, 24th and 25th February 2021



1st Stakeholders awareness program on PMMSY & FIDF at Jamugurihat



2nd Stakeholders awareness program on PMMSY & FIDF at AAU, Assam



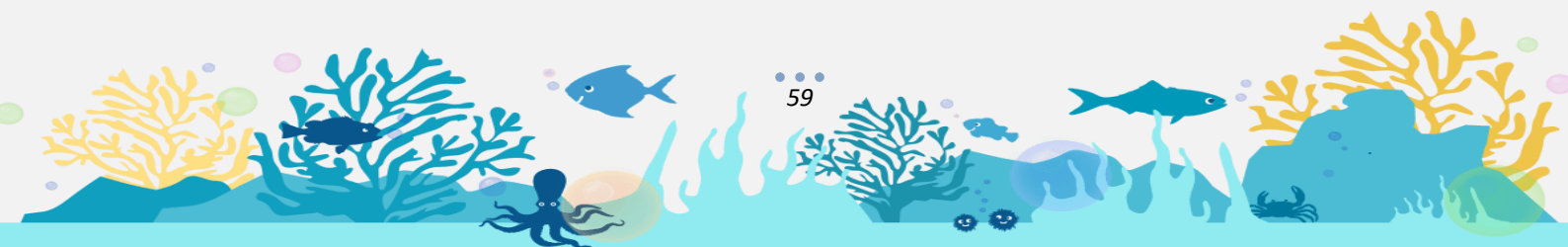


3rd Stakeholders awareness program on PMMSY & FIDF at AAU, Assam

2. NERC organised **National Fish Farmers Day on 10th July, 2020** on virtual platform attended by more than 50 farmers from 11 States
3. Coordinated in conducting the FIDF-Webinar for awareness on FIDF for State and Private Investors from North East -held on 17th March, 2021
4. Coordinated in conducting the virtual FMPIS meeting with the North Eastern States conducted on 29th December 2020

b. Events attended by NERC officials as Resource Persons

Events & Topic	Time	Organiser
Promotion of Rural Livelihood Composite Fish culture System	June, 2020	Livestock Research Station, AAU, Mondira
Biofloc Fish Farming and on Government Schemes in Fisheries & Aquaculture and how to apply/avail	August, 2020	Livestock Research Station, AAU, Mondira
Awareness cum Training Program being conducted at Manipur (4 batches)	March 2021	NFDB with Pochhapan Charitable Trust
Basic to Fish farming & Seed production and on at the Awareness cum Training Program being conducted at Nagaland (2 batches)	March 2021	NFDB with Pochhapan Charitable Trust
Awareness cum Training Program being conducted at Arunachal Pradesh (2 batches)	March 2021	NFDB with Pochhapan Charitable Trust
Ongoing fisheries activities and Fisheries Development with effective utilization of resources in NER	Sept, 2020	NIRD-PR, NERC, Guwahati
CSS for promotion of fishery based livelihoods (PMMSY)	Oct, 2020	NIRD-PR, NERC, Guwahati





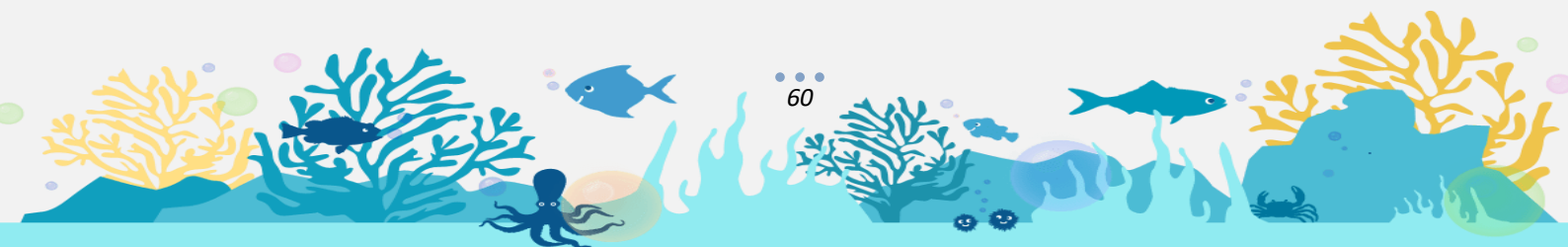
National Schemes for Sustainable Fisheries Production	Nov, 2020	Extension Education Institute, Hyderabad
PMMSY Schemes and Fish Breeding	Dec, 2020	Kaliabor College, Nagaon
PMMSY & FIDF Schemes for Fisheries & Aquaculture	Dec, 2020	AquaSolution, Kolkatta
Professional Training Module and Sample Training Model	Jan, 2021	NIRD-PR, NERC, Guwahati
Fish Farming with Biofloc Technology	Jan, 2021	DEE, AAU, Guwahati
Schemes under Pradhan Mantri Matsya Sampada Yojana (PMMSY) for beel fisheries	Feb, 2021	ICAR-CIFRI, Guwahati
Preparation of Detail project Report for PMMSY	Mar, 2021	Dept. of Fisheries, Govt. of Meghalaya

c. Events Participated by NERC Officials

1. Attended the **World Fisheries Day on 21st November, 2020, organized by the Department of Fisheries, Government of Assam** at the Directorate of Fisheries Meen Bhawan, Guwahati
2. Attended training on **“Biofloc Fish Farming Technology: Interaction & Orientation for TOT”** conducted by Directorate of Fisheries, Meen Bhawan, Ulubari, Guwahati-16, Assam on 19th December, 2020.
3. Attended the **meeting on FIDF scheme organized by the Director of Fisheries, Govt. of Assam** on 16th December, 2020.
4. Attended the **World Fisheries Day on 21st November, 2020, organized centrally at NASC Complex, New Delhi by NFDB, Hyderabad** and DoF, Ministry of Fisheries, Animal Husbandry and Dairying, Govt. of India

i. Publications

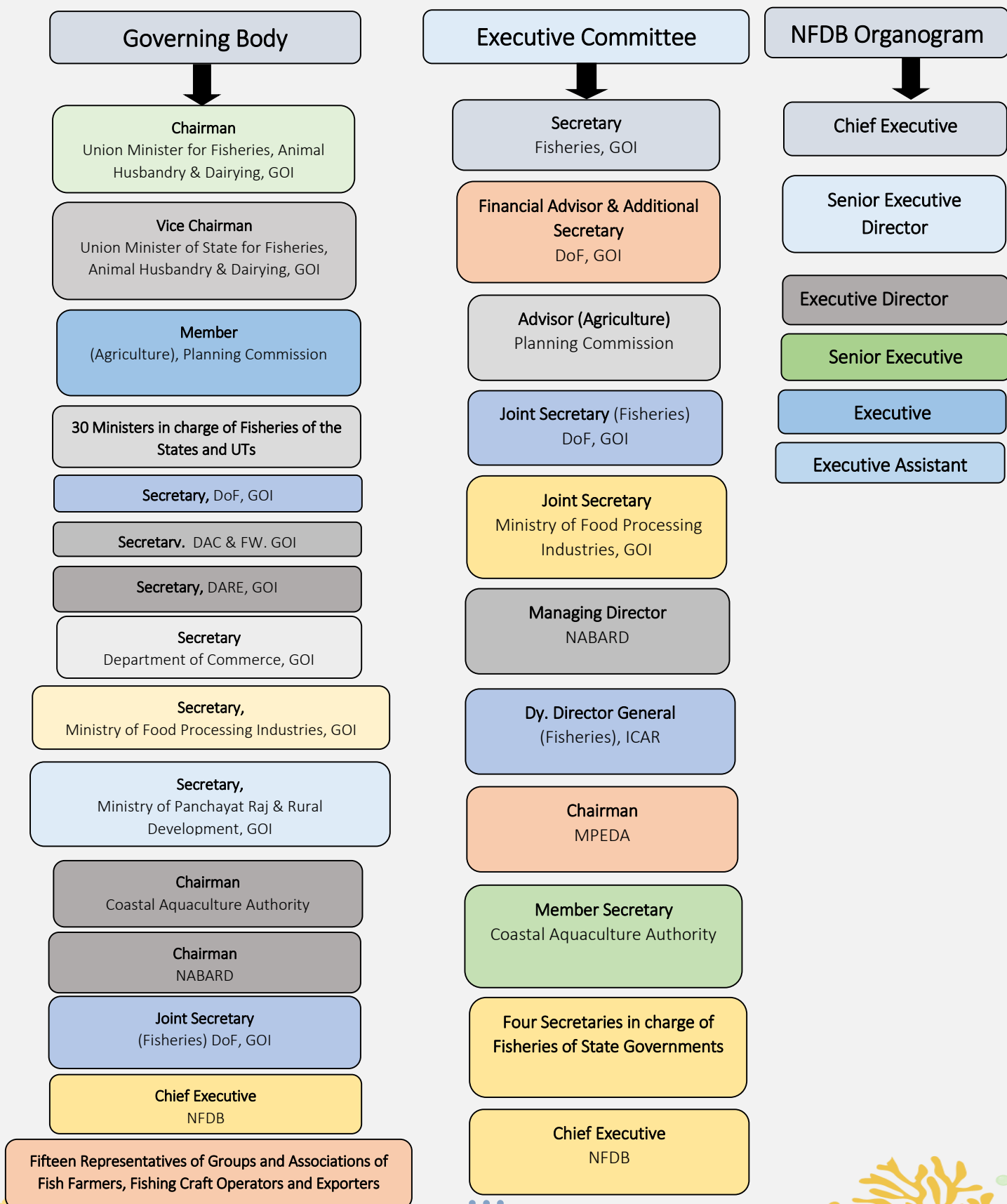
NFDB NERC, Guwahati has coordinated with CIFRI-NERC, Guwahati in translating the PMMSY scheme in vernacular language of Assam (Assamese).





Annexure-I

Organisational Chart of NFDB

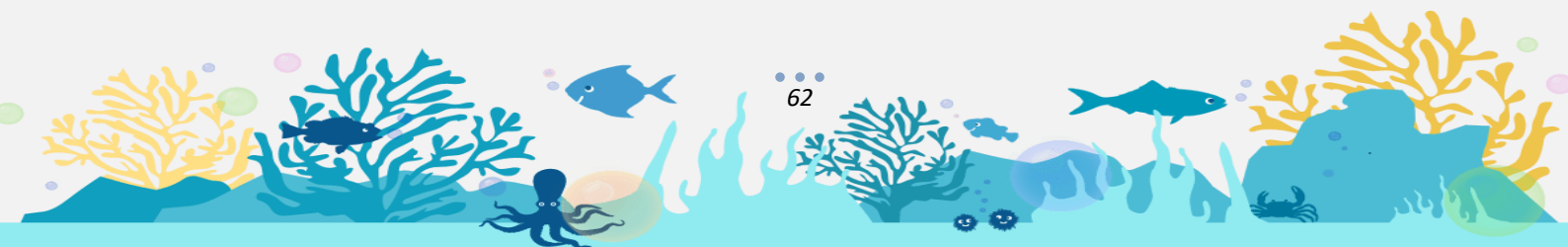




Annexure-II

Members of the Governing Body

1	Minister for Fisheries, Animal Husbandry & Dairying, Government of India(Ex-Officio)	Chairman
2	Minister of State for Fisheries, Animal Husbandry & Dairying, In-charge of Department of Fisheries, Government of India (Ex-Officio)	Vice-Chairman
3	Member (Agriculture), NITI Aayog, Government of India (Ex-Officio)	Member
4-34	Ministers in-charge of Fisheries of all States and Union Territories	Member
35	Secretary, Department of Fisheries, Government of India (Ex-Officio)	Member
36	Secretary, Department of Agriculture and Cooperation, Government of India(Ex-Officio)	Member
37	Secretary, Department of Agriculture Research and Education, Government of India(Ex-Officio)	Member
38	Secretary, Department of Commerce, Government of India(Ex-Officio)	Member
39	Secretary, Ministry of Food Processing Industries, Government of India (Ex-Officio)	Member
40	Secretary, Ministry of Panchayati Raj, Government of India (Ex-Officio)	Member
41	Chairman, Coastal Aquaculture Authority Chennai, Tamil Nadu(Ex-Officio)	Member
42	Chairman, NABARD, Mumbai (Ex-Officio)	Member
43	Joint Secretary, Department of Fisheries, Government of India (Ex-Officio)	Member
44	Chief Executive, NFDB, Hyderabad(Ex-Officio)	Member
45-53	Representatives (to nominate) from groups and associations of fish farmers, Fishing craft operators and exporters	Member

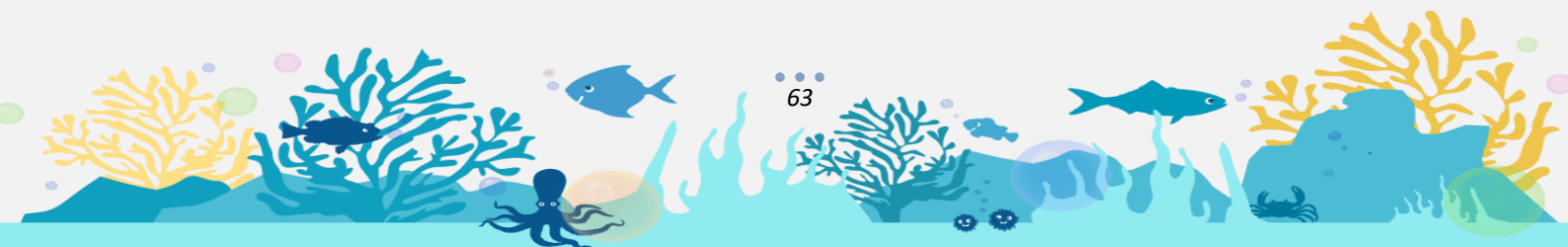




Annexure-III

Members of the Executive Committee

1	Secretary, Department of Fisheries, Ministry of Fisheries, Animal Husbandry & Dairying, Government of India, New Delhi (Ex-Officio)	Chairman
2	Financial Advisor & Additional Secretary, Department of Fisheries, Government of India, New Delhi. (Ex-Officio)	Member
3	Advisor (Agriculture), Planning Commission (Niti Aayog), Government of India, New Delhi. (Ex-Officio)	Member
4	Joint Secretary, Department of Fisheries, Ministry of Fisheries, Animal Husbandry & Dairying, Government of India, New Delhi (Ex-Officio)	Member
5	Joint Secretary, Ministry of Food Processing Industries, Government of India, New Delhi. (Ex-Officio)	Member
6	Managing Director, NABARD, Mumbai. (Ex-Officio)	Member
7	Deputy Director General (Fisheries), ICAR, New Delhi. (Ex-Officio)	Member
8	Chairman, Marine Products Export, Development Authority (MPEDA), Kochi (Ex-Officio)	Member
9	Member Secretary, Coastal Aquaculture Authority Chennai (Ex-Officio)	Member
10-13	Four Secretaries in charge of Fisheries of State Govt. (Ex-Officio)	Members
14	Chief Executive, NFDB, Hyderabad (Ex-Officio)	Member-Secretary

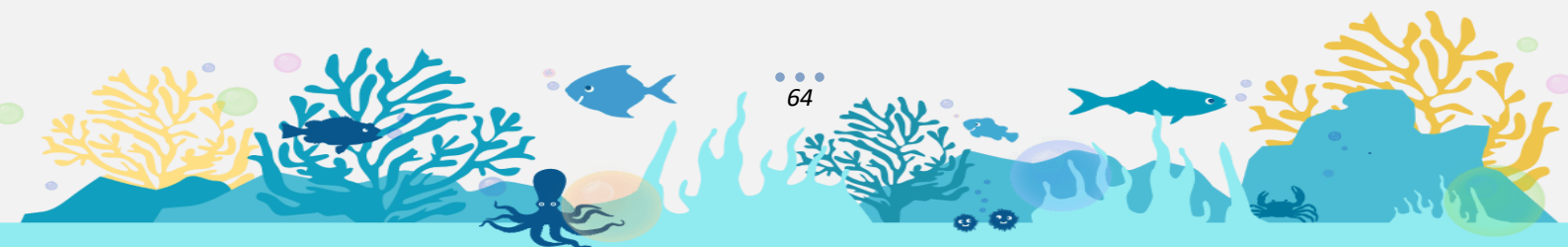




Annexure-IV

NFDB Officers and Staff

S.N.	Name	Designation	From	To
01	Sri. Sagar Mehra	Chief Executive I/c	07.03.2020	25.06.2020
02	Dr. C. Suvarna, IFS	Chief Executive	26.06.2020	Continuing
03	Shri. G. Rathinaraj	Executive Director (T)	30.08.2017	Continuing
04	Shri. G. Srinivas	Executive Director (F&A)	22.10.2018	Continuing
05	Shri. Arul Bosco Prakash	Executive Director (Infra)	11.07.2019	Continuing
06	Shri Vijay Kumar Yaragal	Executive Director (T)	05.10.2020	Continuing
07	Smt. N. Chandra	Executive Director (T)	06.11.2020	Continuing
08	Dr Manas Kumar Sinha	Senior Executive (T)	11.10.2017	Continuing
09	Shri. C.V. Ramana Murthy	Senior Executive (Infra)	07.09.2017	07.09.2020
10	Smt. R.S. Rajya Lakshmi	Senior Executive (T)	15.03.2018	14.03.2021
11	Dr S. Prashanthi	Senior Executive (T)	08.03.2018	07.03.2021
13	Smt. S. Padmaja	Senior Executive (F&A)	14.03.2018	Continuing
14	Shri. G. Ramakrishna Rao	Senior Executive (T)	12.04.2018	Continuing
17	Shri. G.A. Rajkumar	Senior Executive(T)	01.07.2020	Continuing
18	Shri. P. Chalapati Rao	Senior Executive (T)	11.07.2019	Continuing
19	Dr. Sreekanth Sampath	Senior Executive (T)	21.02.2020	11.02.2021
20	Dr. M. Persis	Senior Executive (T)	07.09.2020	Continuing
21.	Dr. N. Rajendra Naik	Senior Executive (T)	18.02.2021	Continuing
20	Shri. E. Praveen	Executive (A&F)	16.03.2018	28.02.2021
22	Smt. J. Deepa Suman	Executive (T)	31.07.2008	Continuing
23	Smt. A.V. Madhuri	Executive (T)	04.07.2008	Continuing
24	Shri. Amit Bhardwaj	Executive (T)	23.07.2008	Continuing
25	Shri. Ashim Kumar Borah	Executive Assistant (T)	14.07.2008	Continuing
26	Smt. Smiti Rekha Pati	Executive Assistant (T)	12.03.2010	Continuing
27	Ms. K. Bhargavi	Executive Assistant (T)	19.11.2010	Continuing
28	Shri. A. Mallikharjun	Executive Assistant (F&A)	03.05.2016	Continuing
29	Shri. Vipin Chandra Nautiyal	Executive Assistant (T)	18.05.2016	Continuing
30	Smt. Sreerenju Hariharan	Executive Assistant (T)	01.08.2016	Continuing
31	Ms. Dorothy, M.S.	Executive Assistant (T)	12.09.2016	Continuing
32	Shri. Kapil Parate	Executive Assistant (F&A)	02.07.2018	Continuing
33	Shri. Dipin, K. M.	Executive Assistant (T)	16.08.2018	Continuing
34	Smt. Seethalakshmi, S.	Executive Assistant (T)	17.08.2018	Continuing





A.V. Ratnam & Co.,

CHARTERED ACCOUNTANTS

180/2 RT, Upstairs, Opp. Vijayanagar Colony Park-2, Vijayanagar Colony, HYDERABAD-500057

INDEPENDENT AUDITOR'S REPORT

To,
The Members,
Governing Body,
National Fisheries Development Board,
Hyderabad

REPORT ON THE FINANCIAL STATEMENTS

Opinion

We have audited the accompanying financial statements of **National Fisheries Development Board**, which comprise the Balance Sheet as at March 31, 2021, Income & Expenditure Account and Receipts and Payments Account for the year then ended, and a summary of significant accounting policies and other explanatory information.

Responsibility of Management for Financial Statements

The Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of the society in accordance with the accounting standards and accounting principles generally accepted in India as applicable to the societies. This responsibility includes the design, implementation and maintenance of the internal controls relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility for the Audit of the Financial Statements

Our responsibility is to express an opinion on these standalone financial statements based on our audit. We conducted our audit in accordance with



the standards on Auditing issued by the Institute of Chartered Accountants of India as applicable to the Societies. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditors considers internal control relevant to the society's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of the accounting estimates made by the Management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on financial statements.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements, give a true and fare view in conformity with the accounting principles generally accepted in India:

- a) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
- b) Proper books of accounts has been kept by the society as far as appears from our examination of the books
- c) The Balance sheet and Income and expenditure statement deal with by this report comply with the accounting standards issued by the Institute of Chartered Accountants of India to the extent applicable.
- d) In our opinion and to the best of our information and according to the explanations given to us, the financial statements, give a true and fare view in conformity with the accounting principles generally accepted in India:



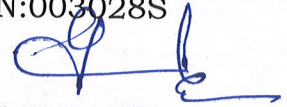
0a. In the case of Balance sheet, of the state of affairs of the above National Fisheries Development Board as at March 31, 2021.

b. In the case of Income and Expenditure account Excess of Expenditure over Income of National Fisheries Development Board for the year ended 31st March 2021

c. In the case Receipts and Payments Account, of the receipts and payments for the society ended on that date.

Place: Hyderabad
Date: 11/10/2021

For A V Ratnam & Co.,
Chartered Accountants
FRN:003028S



(CA G K BABU)

Partner

M No: 213273

UDIN:21213273AAAAKT1460

A.V. RATNAM & CO.
CHARTERED ACCOUNTANTS
180/2, RT. R.R.SADAN
Vijayanagar Colony, HYDERABAD-57

National Fisheries Development Board,
Fish Building, Opp to Pillar No 235, PVNR Expressway, SVPNAP, Hyderabad

Balance Sheet As At 31.03.2021

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule No.	As at 31.03.2021	As at 31.03.2020
Corpus/ Capital Fund	1	4463,18,248	30,25,15,677
Reserves and Surplus	2	-370,18,653	-49,56,186
Earmarked Funds	3	16809,05,618	122,44,01,124
Current Liabilities And Provisions	4	190,63,927	1,75,33,445
Total		21092,69,139	15394,94,060
ASSETS			
Fixed Assets	5	3708,65,716	26,70,16,309
Investments-Others	6	155,20,000	1,55,20,000
Current Assets, Loans, Advances	7 & 8	17228,83,423	125,69,57,751
Total		21092,69,139	15394,94,060
Significant Accounting Policies			
Contingent Liabilities And Notes on Accounts			

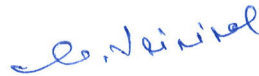
Schedule 1 to 26 are annexed to and forms an integral part of the Balance Sheet as at 31.03.2021 and the Income and Expenditure Account for the year ended on that date.

For A V Ratnam & Co.,
Chartered Accountants
FRN: 0030285



CA G K Babu
Partner
Mno. 213273
Place: Hyderabad
Date: 11-10-2021
UDIN: 21213273AAAAKT1460

For and on behalf of
National Fisheries Development Board



Shri G Srinivas
Executive Director (Fin)



Dr. C. Suvarna
Chief Executive

A.V. RATNAM & CO.
CHARTERED ACCOUNTANTS
180/2, RT. R.R.SADAN
Vijayanagar Colony, HYDERABAD-57

National Fisheries Development Board,
Fish Building, Opp to Pillar No 235, PVNR Expressway, SVPNAP, Hyderabad

Income And Expenditure Account For The Year Ended 31.03.2021

Particulars	Schedule No.	Year Ended 31.03.2021	Year Ended 31.03.2020
Income			
Grand-in- Aid	9	23,92,65,935	99,41,51,723
Fee/Subscriptions	10	3,02,000	1,88,260
Interest Earned	11	4,72,00,527	6,73,62,995
Other Income	12	58,81,105	29,77,736
Total (A)		29,26,49,567	106,46,80,714
Expenditure			
Establishment Expenses	13	7,74,48,747	8,83,23,138
Other Administrative Expenses	14	3,79,04,226	4,22,18,340
Activities Related Expenses	15	2,60,33,569	8,35,11,901
Grants utilised by implementing agencies under various schemes	16	15,08,42,992	83,97,36,737
Depreciation	5	3,22,55,850	3,04,54,889
Total (B)		32,44,85,384	108,42,45,005
Balance being excess of Income over Expenditure (A-B)		-318,35,817	-195,64,291
Balance being Surplus/ (Deficit) Carried to Corpus/Capital Fund		-318,35,817	-195,64,291
Significant Accounting Policies			
Contingent Liabilities And Notes on Accounts			

For A V Ratnam & Co.,
Chartered Accountants
FRN: 0030285



CA G K Babu
Partner
Mno. 213273
Place: Hyderabad
Date: 11-10-2021
UDIN: 21213273AAAAKT1460

For and on behalf of
National Fisheries Development Board



Shri G Srinivas
Executive Director (Fin)



Dr. C. Suvarna
Chief Executive

A.V. RATNAM & CO.
CHARTERED ACCOUNTANTS
180/2, RT. R.R.SADAN
Vijayanagar Colony, HYDERABAD-57

Receipts And Payments For The Year Ended 31.03.2021

Receipts	(Amount in Rs.)	(Amount in Rs.)	Payments	(Amount in Rs.)	(Amount in Rs.)
	As at 31.03.2021	As at 31.03.2020		As at 31.03.2021	As at 31.03.2020
I. Opening Balance			I. Expenses		
a) Cash in hand	16,431	-	a) Establishment Expenses	675,89,599	630,34,272
b) Bank Balances			b) Administrative Expenses	66,72,550	417,39,559
i) In current account			c) Activity Related Expenses	232,59,771	346,57,923
On Current Accounts With SBH (A/c 62029582916)	3439,86,073	1918,53,152	d) Releases to Schemes	2012,05,528	8454,51,313
On Current Accounts With SBI (A/c 30109387550)	8,919	643,10,057	II. Payments made against funds for various projects	-	-
On Current Accounts With Union Bank Of India (A/c 110311100001510)	8650,00,378	8626,99,880	III. Investments and Deposits made		
iii) Savings account			a) Out of Earmarked funds	-	-
SBI, Bostan tower branch (A/c 62407546162)	14,359	10,190	b) Out of own funds (Investments-Others)	-	-
SBI, Guwahati (A/c 33708404643)	13,845	93,452	c) Investments in Bank Deposits	-	-
SBI, Bhubaneswar (A/c 32607018978)	153,21,427	201,89,247	IV. Expenditure on Fixed Assets & Capital work-in-Progress		
ICICI (A/c 131601000599)	39,692	38,332	a) Purchase of Fixed Assets	52,55,258	14,69,724
II. Grants Received			b) Expenditure on Capital Work-in-progress	1030,33,845	82,92,500
a) From Government of India	8395,73,000	8075,00,000	V. Refunds		
b) From State Government	-	-	a) To the Government of India	-	-
c) From other sources (details) (Grants for capital & revenue expenses to be shown seperately.	-	-	b) To the State Government	-	-
III. Income on Investments from			c) To other providers of funds	-	-
a) Earmarked Funds	-	-	d) Refund of Security Deposits/EMDs	3,24,408	50,000
b) Own Funds (Other Investments)	-	-	VI. Finance Charges (Interest)		
IV. Current Assets			VII. Other Payments		
a) On Bank deposits		3042,44,303	a) Advance to Suppliers	692,87,620	766,12,752
b) Loans & Advances (Asset)	5,87,122	12,46,823	b) Other Advances	-	96,43,225
c) Security Deposits	7,56,327	9,15,843	c) Duties & Taxes Paid	83,01,867	108,80,319
V. Other Income			VIII. Current Assests		
a) Interest on Saving Account	524,71,586	630,66,350	a) Deposits	-	1,10,000
b) Fees/subscriptions		3,09,880	b) Loans & Advances	46,01,968	227,59,643
c) Other Income	60,33,966	21,77,057	c) Others	78,79,623	79,22,716
VI. Amount Borrowed			IX. Closing Balances		
VII. Any other receipts			a) Cash in hand	73	16,431
a) Unspent Amount /Refunds from States	535,59,083	23,14,103	b) Bank Balances		
b) Maturity Proceeds of Fixed Deposits	-	-	i) Current account		
c) Miscellaneous Receipts	-	209,19,496	SBI (A/c 62029582916)	7807,20,685	3439,86,072
d) Duties & Taxes Collected	-	-	SBI (A/c 30109387550)	5,319	8,919
e) Earnest Money Deposit Received	-	-	Union Bank of India (A/c 110311100001510)	8840,48,583	8650,00,378
f) Crowd Fund	-	-	ii) Deposits account		
g) Administrative Recoveries	-	-	iii) Savings account		
h) Recovary from Mona	-	-	SBI, Bostan tower branch (A/c 62407546162)	24,674	14,359
i) Refund from CPWD (Capital WIP)	-	-	SBI, Guwahati (A/c 33708404643)	15,846	13,845
j) Recovery of Loans & Advances from Staff	-	-	SBI, Bhubaneswar (A/c 32607018978)	160,49,521	153,21,427
k) Unencash cheques	-	69,442	ICICI (A/c 131601000599)	40,918	39,692
VIII. Indirect Expenses					
a) Activities Relatives exp	8,87,267	5,60,409			
b) Other Administrative exp	25,853	40,91,778			
c) Establishment Expense	22,328	4,15,275			
c) Releases to Schemes	-	-			
Total	21783,17,655	23470,25,069	Total	21783,17,655	23470,25,069

For A V Ratnam & Co.,
Chartered Accountants
FRN: 0030285

CA G K Babu
Partner
Mno. 213273
Place: Hyderabad

Date: 11-10-2021
UDIN: 21213273AAAKT1460
A.V. RATNAM & CO.
CHARTERED ACCOUNTANTS
180/2, RT. K.R.SADAN
Vijayanagar Colony, HYDERABAD-57

For and on behalf of
National Fisheries Development Board

Shri G Srinivas
Executive Director (Fin)

Dr. C. Suvarna
Chief Executive

National Fisheries Development Board
Fish Building, Opp to Pillar No 235, PVNR Expressway, SVPNAP,
Hyderabad

FUNDS MOVEMENT

PARTICULAR	AMOUNT (Rs.)
BALANCE FUNDS AS ON 1.04.2020	12244,01,124
EARMARK/ GRANTS FUNDS	
ADD: GRANTS RECEIVED DURING THE YEAR	8395,73,000
	20639,74,124
TRANSFER TO CAPITAL EXPENDITURE	1438,02,571
GRANTS UNUTILISED DURING THE YEAR	2392,65,935
CLOSING CASH AND BANK BALANCES	16809,05,618



National Fisheries Development Board
Fish Building, Opp to Pillar No 235, PVNR Expressway, SVPNAP,
Hyderabad

CASH FLOW STATEMENT

PARTICULAR	AMOUNT (Rs.)
CASH INWRADS	
OPENING CASH AND BANK BALANCES	12244,02,350.00
GRANTS RECEIVED DURING THE YEAR	8395,73,000.00
INTEREST INCOME	524,70,360.00
UNSPENT AMOUNT	535,59,083.00
OTHER INCOME	66,21,088.00
SECURITY DEPOSITS RECEIVED	7,56,327.00
TOTAL	21773,82,208.00
CASH OUTWARDS	
CAPITAL EXPENDITURE	143802571
INDIRECT EXPENDITURE	3326,45,187.00
OTHER PAYMENTS	71,44,787.00
SECURITY DEPOSITS PAID	3,24,408.00
DUTIES AND TAXES	83,01,867.00
ADVANCE PAID TO EMPLOYEE (TOUR, TEMPORARY)	42,57,770.00
CLOSING CASH AND BANK BALANCES	16809,05,618.00
TOTAL	21773,82,208.00



Schedules forming part of Balance Sheet as at 31.03.2021

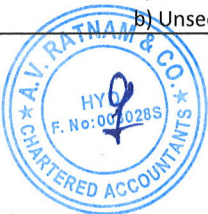
Schedule 1 -Corpus/ Capital Fund :	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
Balance as at beginning of the year	3025,15,677	3025,15,677
add: amount Utilized from earmarked fund towards capital expenditure	1438,02,571	-
Balance As At The Year End	4463,18,248	3025,15,677

Schedule 2 Reserves and Surplus:	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
1. General Reserve		
As per last Account	-49,56,186	-163,99,097
Addition during the year	-318,35,817	-195,64,291
Less: Deductions during the year	-	-
add: amount received from earmarked fund towards capital expenditure	-	205,80,027
add: capitalization of fixed asset wrongly debited to revenue account	-	94,66,175
add: capitalization of capital working programmes wrongly debited to revenue account	-	9,61,000
LESS: EMD Received Considered as Income in PY Adjusted	2,26,650	
Total	-370,18,653	-49,56,186

Schedules forming part of Balance Sheet as at 31.03.2021

Schedule 3 -Earmarked Funds :	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
a) Opening Balance of the funds	12244,01,124	14316,32,875
less: FIDF FUNDS (Earmarked for FIDF Purpose)	99,70,000	99,70,000
	12144,31,124	14216,62,875
LESS: CAPITAL EXPENDITURE INCURRED	1438,02,571	205,80,028
LESS: Transfer to Income and Expenditure	10706,28,553	14010,82,847
C/F GRANTS UNUTILISED DURING THE YEAR	16709,35,618	12144,31,124
C/F GRANTS UNUTILISED FIDF FUND	99,70,000	99,70,000
Net Balance as at The Year End	16809,05,618	12244,01,124

Schedule 4- Current Liabilities And Provisions	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
A. Current Liabilities		
1. Acceptances	-	-
2. Sundry Creditors	-	-
a) For Goods	3,64,617	7,31,771
b) Others	-	-
3. Advances Received	-	-
4. Interest accrued but not due on :		
a) Secured loans/ borrowings	-	-
b) Unsecured Loans/borrowings	-	-



5. Statutory Liabilities :		
a) Overdue	-	-
b) Others	14,089	-
6. EMD Security Deposit	21,01,793	8,47,891
7. Salary & manpower related payables	37,60,902	37,23,839
8. Lab Deposit	15,000	-
9. Other Liabilities (Short Term Provisions)	54,48,819	62,23,971
Total (A)	117,05,220	115,27,472
B. Provisions		
1. For Taxation		
2. Gratuity	24,60,713	22,17,375
3. Superannuation/Pension	-	-
4. Accumulated Leave Encashment	37,74,044	32,11,788
5. Tds and GST TDS taxes	11,23,950	5,76,810
Total (B)	73,58,707	60,05,973
Total (A+B)	190,63,927	175,33,445

Schedule 6 - Investments- Others (Long Term)	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
1. In Government Securities	-	-
2. Other approved Securities	-	-
3. Shares (Sasoon Dock Matsyaodyog Sahakari Society Ltd) 20% shareholding	155,20,000	155,20,000
4. Debentures and Bonds	-	-
5. Subsidiaries and Joint Ventures	-	-
6. Others (to be specified)	-	-
Total	155,20,000	155,20,000

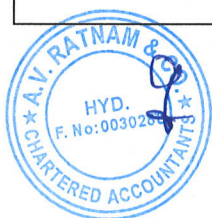
Schedule 7 - Current Assets, Loans, Advances	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
A. Current Assets:		
1. Inventories:		
a) Stores and Spares	-	-
b) Loose Tools	-	-
c) Stock-in-Trade		
Finished Goods	-	-
Work-in - Progress	-	-
Raw Material	-	-
2. Sundry Debtors:		
a) Debts Outstanding for a period exceeding six	-	-
b) Others	-	-
3. Cash Balances in Hand (Including cheques/draft and imprest)	73	16,431
4. Bank Balances :		
a) With Scheduled Bank:		
On Current Accounts With SBI (a/c	7807,20,685	3439,86,074
On Current Accounts With SBI (a/c	5,319	8,918
On savings Accounts With ICICI (a/c	40,918	39,692
On current Accounts with SBI (BHUBANESWAR)	160,49,521	153,21,427
On Current Accounts With Andhra Bank (a/c	8840,48,583	8650,00,378
On current Accounts with SBI (ASSAM)	15,846	13,846
On saving Accounts With SBI (62407546162)	24,674	14,359
b) With non-scheduled Banks		
On Current Accounts	-	-
On Deposit Accounts	-	-



On savings Accounts		-
c) Term Deposits With banks		
State Bank of Hyderabad		
ANDHRA BANK	-	-
CORPORATION BANK	-	-
INDIAN BANK	-	-
d) Remittance in Transit (Grant -in - Aid)	-	-
5. Release to implementing agencies for Various Activities under various schemes	-	-
Total (A)	16809,05,618	12244,01,124

Schedules forming part of Balance Sheet as at 31.03.2021

Schedule 8 - Current Assets, Loans, Advances	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
B. Loans, Advances And Other Assets		
1. Loans :		
a) Staff	-	-
b) Other Entities engaged in activities/Objectives similar to that of		
i) Matsya Federation	-	-
c) Others	-	-
2. Advances and other amounts recoverable in cash or in kind or for value to be received:	-	-
a)Advances to Staff	4,98,020	9,71,809
b)TDS Receivable	70,80,781	52,67,124
c)Advances to Suppliers/Service Provider (ANNEXURE-1)	148,61,407	144,84,729
d) GST ITC	76,70,111	
3.Prepaid Expenses	-	-
4. Income Accrued :		
a) On Investments from Earmarked Funds	-	-
b) On Investments-Others	-	-
i) Interest on sweep account Deposit- SBI	-	-
ii) Interest on Fixed Deposit- ICICI	-	-
iii) Interest on Fixed Deposit- HDFC	-	-
c) On Loans and Advances	-	-
d) Others(TA and DA recovery)	-	-
e) Others(Interest Receivable)	2,41,464	2,06,943
5. Reimbursement of Expenses receivable from Government of		
a) Asia Pacific Fishery Commission	24,09,679	24,09,679
b) FAO Sub Committee	82,09,215	82,09,215
5.Deposit(Rent,Telephone & Other deposit)	10,07,128	10,07,128
Total (B)	419,77,805	325,56,627
Total (A+B)	17228,83,423	12569,57,751



DEPRECIATION SCHEDULE-8

S.No.	Description	OPENING BALANCES				Depreciation			CLOSING BALANCE	
		WDV as at 1.4.2020	Before September 2020	Additions After September 2020	Deletions	Total as at 31.03.2021	During the year	On Additions As at 31.03.2021	WDV as at 31.03.2021	Rate of Depreciation
A	FIXED ASSETS (Other than CWIP):									
1	LAND									
a)	Freehold	2,85,62,986				2,85,62,986			2,85,62,986	-
b)	Leasehold	-				-			-	-
2	BUILDINGS:									
a)	On Freehold Land	1,78,411.00				1,78,411.00			1,78,411.00	10.00%
b)	On Leasehold Land	10,97,42,482				10,97,42,482			10,97,42,482	10.00%
c)	Ownership Flat/Premises/ internal road	62,10,757	38,17,351.00			1,00,28,108	6,21,076	3,81,735	90,25,297	10.00%
d)	Superstructures on Land not belonging to the entity	-				0	-	-	-	-
3	PLANT, MACHINERY & EQUIPMENT	1,94,68,789	1,84,76,464			5,20,36,451	29,20,318	38,27,985	67,48,303	15.00%
4	VEHICLES	44,54,588	22,80,372			67,34,960	6,68,188	3,42,056	57,24,716	15.00%
5	FURNITURE, FIXTURES	35,89,296	2,80,855			40,02,994	3,58,930	34,728	36,09,337	10.00%
6	OFFICE EQUIPMENTS	57,33,416	1,72,270			59,05,686	5,73,342	8,614	58,19,955	10.00%
7	COMPUTER/PERIPHERALS	1,40,57,468	3,97,844			1,44,55,312	56,22,987	79,569	87,52,756	40.00%
8	ELECTRICAL INSTALLATIONS	3,20,19,950	9,659			3,21,90,509	32,01,995	9,011	289,79,503	10.00%
9	LIBRARY BOOKS	-				0	-	-	-	-
10	TUBE WELLS & W. SUPPLY	-				0	-	-	-	-
11	OTHER FIXED ASSETS	7,90,970				7,90,970	79,097		7,11,872	10.00%
12	NFFBS POND FACILITY	2,29,58,152				2,29,58,152	22,95,815		206,62,337	10.00%
	TOTAL OF CURRENT YEAR	24,77,67,266	2,48,64,701	1,97,21,376		29,23,53,342	273,33,837	49,22,013	322,55,850	
B	CAPITAL WORK IN PROGRESS									
	TOTAL OF CURRENT YEAR (ANNEXURE-1)									
C	GRAND TOTAL OF CURRENT YEAR	24,77,67,266	2,48,64,701	1,97,21,376		29,23,53,342	2,73,33,837	49,22,013	3,22,55,850	
									37,08,65,716	

445,86,076.92

ANNEXURE-1 (DETAILS OF CAPITAL WORK IN PROGRESS)

S.No	Particulars	Opening Balance	Additions During the Year	Capitalised/Booked as expenses	Closing Balance as at 31-03-2021
	CPWD HYDERABAD				
1	Capital WIP for Administrative Building	23,40,062		2,31,801	21,08,261
2	CPWD maintenance	6,40,758	167,21,921	74,65,513	98,97,166
3	Renovation of Bharath Nagar Metro	4,34,800	39,13,200		43,48,000
	INFORMATION TECHNOLOGY				
1	Financial Accounting Software	6,31,300			6,31,300
	MOOLAPOLAM				
1	CPWD maintenance - moolapolam	-	21,59,719		21,59,719
2	Moolapolam Project	96,40,969	802,39,005		898,79,974
	NFFBS, BHUBANESWAR PROJECT				
1	Adv to NFFBS Kausalyagan Bhubaneswar	55,61,155		38,17,351	17,43,804
	Grand Total	192,49,044	1030,33,845	115,14,665	1107,68,224

TOTAL CAPITAL EXPENDITURE INCURRED DURING THE YEAR

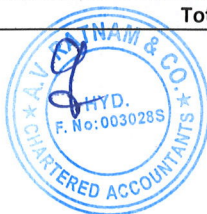
FIXED ASSETS	4,45,86,077
CAPITAL WORK IN PROGRESS	1030,33,845
TOTAL AMOUNT	14,76,19,922



Schedule 9 - Grand- in-Aid	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
B/F from unutilised grants(Earmarked)	10706,28,553	14010,82,847
Add: Grants received during the year	8395,73,000	8075,00,000
Total Grants Available During The Year for Utilisation	19102,01,553	22085,82,847
Less: Grants Unutilised During the year	16709,35,618	12144,31,124
Total	2392,65,935	9941,51,723

Schedule 10- Fees/Subscriptions	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
1) Entance Fees	3,02,000	1,88,260
2) Annual Fees/Subscriptions	-	-
3) Seminar/Program Fees	-	-
4) Consultancy Fees	-	-
5) Others (Licence Fees)	-	-
Total	3,02,000	1,88,260

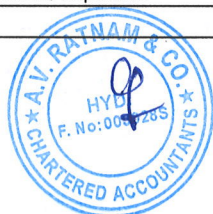
Schedule 11 - Interest Earned	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
1) On Term Deposits:		
a) With Scheduled Banks	471,58,056	673,50,761
b) With Non Scheduled Banks	-	-
c) With Institutions	-	-
d) Others	-	-
2) Savings Account		
a) With Scheduled Banks	42,471	12,234
b) With Non Scheduled Banks	-	-
c) With Institutions	-	-
d) Others	-	-
3) On Loans		
a) Employees/Staff	-	-
b) Matsya Fed , Kerala	-	-
4) Interest on Debtors and Other Receivables		
a) Interest from States	-	-
b) Interest due from M/s Moana	-	-
c)Interest from security deposit with M/s Southern power distribution company of telengana state		
Total	472,00,527	673,62,995



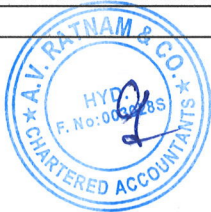
Schedule 12 - Other Income	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
1) Profit on sale/disposal of assets:	-	-
a) Owned assets	-	-
b) Assets acquired out of grants, or received free	-	-
2) Export Incentives realized	-	-
3) Fee for Miscellaneous Services	-	-
4) Sale of Fish	5444459	21,53,307
5) Miscellaneous Income	22208	1,85,397
5) Unspent amount of NFDB scheme	-	-
5) Recovery of HRA	-	-
6) Recovery of Water charges	-	-
7) Lab Receipts	178300	-
8) Guest House Rent	30800	1,24,620
9) RTI application fees	-	-
10) Electricity charges recovery	-	-
11) Written off unencash cheque	-	-
12) Quater rent recovered	205338	5,14,412
Total	58,81,105	29,77,736

Schedules forming part of Income & Expenditure for the year ended 31.03.2021

Schedule 13 - Establishment Expenses	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
a) Salaries and Wages	375,59,067	365,97,647
b) Allowances and Bonus	-	8,73,266
c) Contribution to N.P.S	13,03,676	10,84,576
d) Encashment of EL	2,38,536	-
e) Pension Contribution	13,20,199	26,89,453
f) Leave Salary Contribution	7,47,362	19,59,238
g) Provision for Gratuity	3,51,823	4,12,403
h) Salary of Consultants	123,69,606	242,52,838
i) Manpower Outsourcing Services	160,98,361	186,16,545
j) Remuneration to Interns	2,25,000	2,50,000
k) Provision for Accumulated Leave Encashment	5,62,256	5,67,133
l) Staff Welfare Expenses	49,56,873	84,000
m) Other expenses	17,15,988	9,36,039
Total	774,48,747	883,23,138



Schedule 14 - Others Administrative Expenses	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
a) Electricity and Power Charges	16,43,275	28,25,465
b) Water Charges	1,00,275	1,42,244
c) General Insurance	61,030	75,793
d) Repairs & Maintenance	89,66,543	11,26,886
e) Postage, Telephone and Communication Charges	10,21,827	7,89,383
f) Printing & Stationery	41,89,687	9,74,490
g) Travelling and Conveyance Expenses	19,73,984	152,24,096
h) Running and Maintenance of Car	4,41,749	4,95,078
i) Audit Fee	1,00,000	1,18,000
j) Advertisement and Publicity	78,39,248	8,00,743
k) Annual Maintenance Charges	58,03,871	2,66,412
l) Painting Works	-	32,037
m) Software Maintenance Charges	-	4,31,438
n) Catering Charges	2,31,688	21,62,944
o) Electrical Wiring Works	-	7,104
p) Bank Charges	8,851	10,994
q) RAS Lab Maintenance	-	1,10,834
r) Aluminium & Glass works	-	99,112
s) Membership fee	1,85,625	-
t) Web Auditing of CMS	-	35,400
u) NSDL Filling Charges	-	3,470
v) Office Expenses	15,11,494	14,71,957
w) Professional Charges	10,35,735	12,73,420
x) Property Tax	2,33,540	2,21,863
y) Vehicle Hire Charges	-	27,00,222
z) Tools & Hardware	-	2,400
aa) Plumbing & Carpentry Works	-	89,769
ab) Internet Leased Line Charges	11,40,374	1,47,500
ac) Independence Day Celebrations	-	21,900
ad) News Papers and Magazines	-	11,232
ae) Office Aquarium Maintenance	4,36,910	1,58,655
af) Purchases	7,50,557	3,33,423
ag) Pest Management Solutions	2,27,962	1,26,142
ah) CPWD maintenance charges	-	99,27,934
Total	379,04,226	422,18,340



Schedules :15 Activities Related Exp	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
NFDB Guwahati	2,02,573	3,52,509
NFFBB Bhubanswar	64,68,207	421,25,325
Conducting Workshops & Seminar by NFDB	193,62,789	98,12,698
Exbition and Conference	-	23,39,432
IOTC(International Conerence)	-	228,93,378
Training of NFDB Officers &Staff in Abroad	-	59,88,559
Grand Total	260,33,569	835,11,901

Schedules forming part of Income & Expenditure for the year ended 31.03.2021

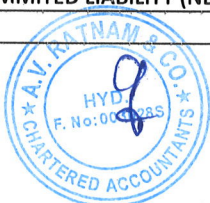
Schedule 16 - Grants utilised by implementing agencies under various schemes (ANNEXURE -2)	(Amount in Rs.)	
	As at 31.3.2021	As at 31.3.2020
2405 General	1248,24,450	6474,06,407
2405 SCSP	44,46,004	336,49,659
2405 TSP	15,99,297	1358,48,472
2552 NEER	199,73,241	228,32,200
Total	1508,42,992	8397,36,738

ANNEXURE-1 (DETAILS OF Advances to Suppliers/Service Provider)

Particulars	(Amount in Rs.)
Adv to CPWD For Maintenances of NFDB Building	79,65,208
Electricity Maintenances of NFDB	55,00,000
Metro politian Commissioner , HMDA	10,19,520
Total	144,84,728

ANNEXURE-2 (DETAILS OF Grants utilised)

Particulars	(Amount in Rs.)	(Amount in Rs.)
2405 GENERAL		
TECHNOLOGY DEMONSTRATION PROJECTS		
ICAR- Project	30,16,200	
NIRD Project(Solar Wind Hybird Tech)	1,05,000	
HRD,PUBLICITY AWARENESS (GEN)		
SKILL DEVELOPMENT TRAININGS,PUBLICITY (GEN)	55,79,195	
COMMITTED LIABILITY (GEN)	1161,24,055	1248,24,450
2405 SCSP		
HRD,PUBLICITY AWARENESS (SCSP)		
SKILL DEVELOPMENT TRAININGS,PUBLICITY (SCSP)	9,96,000	
COMMITTED LIABILITY (SCSP)	34,50,004	44,46,004
2405 TSP		
HRD,PUBLICITY AWARENESS (TSP)		
SKILL DEVELOPMENT TRAININGS,PUBLICITY (TSP)	5,16,000	
COMMITTED LIABILITY (TSP)	10,83,297	15,99,297
2405 NEER		
COMMITTED LIABILITY (NEER)	199,73,241	199,73,241
Total		1508,42,992



NOTES ON ACCOUNTS

1. Income other than grants received, were utilised towards administrative and establishment expenses to the extent required.
2. NFDB had incurred an amount of Rs. 24,09,679/- as expenditure towards hosting Asia Pacific Fishery commission meeting in 2014. The amount is pending reimbursement from the Central Govt.
3. Advance to NFFBB Kausalyaganga Bhubaneshwar of Rs.17,43,804/- is pending capitalisation for want of details of Assets built by CPWD.
4. An amount of Rs.82,09,215/- is pending reimbursement from Central govt. for expenses incurred on FAO Sub Committee meetings in the Financial year 2012-13.
5. An amount of Rs.6,91,000/- is shown as rent deposit since 2010-11, for the vacated premises.
6. Figures were regrouped as and where applicable.
7. An amount of Rs. 1,55,00,000/- was spent towards equity shares in M/s Sasoondock Matsyodyog Sahakari Society Limited. In the F.Y. 2009-10 for setting Sea food processing plant. The society has been running in losses since F.Y. 2011-12. Audited Financials has not been received since F.Y. 2015-16. M/s Sasoondock Matsyodyog Sahakari Society Limited agreed for returning the investment to NFDB.

8. Contingent Liabilities

Following is the Income Tax demand pertaining to the entity as at 31-03-2021. The matter is pending with the appellate authority.

Assessment Year	Demand identification No.	Amount in Rs.
2015-16	2017201510159384463T	26,57,75,820/-
Total		26,57,75,820/-

9. An advance amounting to Rs.18,67,04,330/- was reduced from capital fund opening balance in the FY 2018-19 by reducing the advances to various organisations. This was necessitated due to change of accounting policy which was pre approved by Ministry of Agriculture and Farmers Welfare vide its letter No.9-2/2016-Admn.V dated 12th April 2016.

For A V Ratnam & Co.,
CHARTERED ACCOUNTANTS
FRN: 003028S

For and on behalf of
NATIONAL FISHERIES DEVELOPMENT BOARD

CA G K Babu
Partner

MNo: 213273

Date: 11-10-2021

UDIN: 21213273AAAKT1460

A.V. RATNAM & CO.
CHARTERED ACCOUNTANTS
180/2 RT. R.R. SADAN,
VIJAYANAGAR COLONY,
HYDERABAD-500 057.

Shri G Srinivas
Executive Director(Fin)

Dr.C.Suvarna
Chief Executive

Accounting Policies

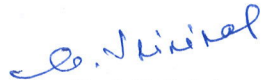
1. Financial statements were prepared on historical cost convention, unless otherwise stated following accrual method of accounting and generally accepted accounting principles.
2. The Financial Statements were prepared as per the uniform format prescribed by the Ministry of Finance for all the Government and Autonomous Organisations.
3. Grants released during the year to implementation agencies were treated as expenditure.
4. Fixed Assets are considered at their cost of acquisition inclusive of taxes, duties, freight and other incidental charges thereon and also expenditure incurred during construction period / pre-incorporation period wherever applicable.
5. Depreciation has been provided under written down value method at the rates specified in the Income Tax Act.
6. The society is following the accrual basis of accounting for income recognition.
7. The Society is following accrual basis of accounting for expenditure recognition.

**For A V Ratnam & Co.,
CHARTERED ACCOUNTANTS
FRN: 003028S**



CA G K Babu
Partner
MNo: 213273
UDIN: 21213273AAAAKT1460

**For and on behalf of
NATIONAL FISHERIES DEVELOPMENT BOARD**



Shri G Srinivas
Executive Director(Fin)



Dr. C. Suvarna
Chief Executive

A.V. RATNAM & CO
CHARTERED ACCOUNTANTS
180/2RT, R.R. SAD
Vijayanagar Colony, HYDERABAD



राष्ट्रीयमात्स्यिकीविकासबोर्ड
National Fisheries Development Board
मत्स्यपालनविभाग

Department of Fisheries

मत्स्यपालन, पशुपालन एवंडेयरी मंत्रालय, भारतसरकार

Ministry of Fisheries, Animal Husbandry & Dairying, Government of India

स्तम्भसंख्या -235, पी. वी. एन. आरएक्सप्रेसवे, डाक- एस. वी. पी. एन. पी.ए, हैदराबाद- 500 052

Pillar No: 235, PVNR Expressway, SVPNPA Post, Hyderabad - 500 052

फोन/ Phone No. 040- 24000177/201, फैक्स/Fax No: 040-2401 5568

वेबसाइट/website: nfdb.gov.in