

Internal Quality Assurance Report (July to September 2023)

Section A: Plan of action chalked out by the IQAC in the beginning of the quarter towards quality enhancement

(i) Fisheries college & Research Institute, Thoothukudi

- Providing sign boards in different areas including fish farms and office rooms.
- Writing the Common and botanical names of the each of the trees inside the college campus.
- Inclusion of globally recognized certifying authorities in the syllabus of relevant courses.
- Information on imitated products to be included in the syllabus of fish processing related UG courses.

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

- The "Digital Blue" was established as an e-extension hub for fisheries and aquaculture development with the funding support of NADP and will be utilized to document and popularize Best Management Practices (BMPs) for selected commercially important ornamental fishes.
- Popularization of technologies in Fisheries & Aquaculture through TV talks/Expert lecture in DD podhigai " Pon Vilaiyum Bhoomi" programme will be organized.
- To give radio talk in the month of September 2023.
- Popularization of carbon emission reduction technologies in fishing sector of Pulicat lake.
- Tuna value added products will be prepared. To deliver talk in pothigai TV programme "Ponvilaiyum Bhoomi".
- Development of process for Nanochloropsis culture with phytohormones for enhanced lipid content.
- To standardize the in vitro propagation of seaweeds for mass culture and popularisation of seaweed culture.

(iii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Education Quality Assurance Committee (EQAC):

- Motivational class by External resource person during 3rd week of September, 2023.

Teaching Evaluation Committee (TEC):

- IQAC students feedback for the year 2022-23 batch will be collected, analyzed and submit the report for further improvement

Training Quality Assurance committee (TQAC):

- National Nutrition Day – Awareness Programme on the 'Health benefits of Fish' during first week of September 2023.
- World Heart Day – Awareness Programme for the staff & students during last week of September 2023.

Project Quality Assurance Committee (PQAC):

- To conduct an online talk on choosing reputable journals for research papers for the teaching faculty of this college during July, 2023.
- To initiate a Research club in this college to cultivate a collaborative environment for interdisciplinary research projects during September, 2023.

(iv) Institute of Fisheries Biotechnology, Vaniyanchavadi

- Obtaining feedback from the faculty.
- Obtaining feedback from the students.
- Encouraging exchange programmes between institution and industry.
- Appreciation of the students by rewarding for their academic performance other than the routines.
- Strengthening of placement cell.

(v) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

- Obtaining feedback from the faculty.
- Obtaining feedback from the students.
- Encouraging exchange programmes between institution and membership from other organizations for all PG and Ph.d scholars.
- Motivation of the postgraduate students to participate in the journal club.

(vi) College of Fish Nutrition and Food Technology, Madhavaram

- To prepare and maintain an excel sheet containing the data of no: of students, batch and date of filling the feedback form required for IQAC.
- To check regarding ISI certificate for drinking water cans supplied to the College.
- To arrange for HR training, E-mail writing, technical presentation and interview for IV Years.

(vii) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

- Anti-ragging committee to be formed.
- Class committee meeting to be conducted.
- Parent-teacher meetings to be arranged on a periodic basis.
- Students should be exposed to relevant farms and industries.
- Placement cell to be updated regularly.
- One guest lecture per course from industry personnel to be arranged.
- Greening of campus.

(viii) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

- Academic credential report
- To follow NADP status report
- To prepare Students details
- Planning of academic details
- Proposal for starting Offshore safety training system
- Preparation and compilation of the DIVF monthly report
- Preparation of IT assessment details
- Preparation of proposal for certificate course on 'Fishing Gear Technician'
- Preparation and compilation of DIVF monthly report
- 3rd IQAC Meeting Minutes

Section B: Details in respect of the following**1. Activities reflecting the goals and objectives of the institute****(i) Fisheries college & Research Institute, Thoothukudi**

Sl. No.	Name of the Activities
1.	Course completion and Passing Out ceremony was conducted on 19.08.2023
2.	<p>Guidance as chairman and member was provided to Ph.D. Students and M.F.Sc students. Revised the file format as per the by-laws for Initial registration process of the registration of the Alumni association in the name – AFCA Thoothukudi under TN registration portal and included in the web portal for registration A total of two research projects, TANII (2022-23) and TNJFU-JTRF Scheme (2021-22) were operated.</p> <p>Mr. C. Sudhan, Assistant Professor, DFBRM, attended and presented one research paper oral presentation in the National conference on Transforming Rural Poverty to Prosperity through Sustainable Aquaculture at College of Fisheries Kisangani Alumni Association (COFKAA Bihar Animal Sciences University, Kisangani, Bihar from 19.07.2023 to 21.07.2023.</p> <p>Mr. C. Sudhan, Assistant Professor, DFBRM, attended and participated in the 9th Foundation course for Faculty of Agricultural Universities at ICAR-National Academy of Agricultural Research Management, Rajendranagar, Hyderabad - 500 030 from 07-09-2023 to 27-09-2023.</p> <p>Mr. C. Sudhan, Assistant Professor, DFBRM, presented his final viva-voce thesis presentation on 25th August 2023 in the Dept. of Fisheries Resource Management, Fisheries Resources, Harvest and Post-Harvest Management Division at ICAR- Central Institute of Fisheries Education, Mumbai – 400 061.</p>
3.	The research works pertaining to the department such as Efficiency assessment of bio-adsorbents prepared from fish scales in the treatment of municipal and seafood processing plant waste water in Thoothukudi district, Tamil Nadu, Bioprospecting selected marine microalgae for production of Polyunsaturated fatty acid (PUFA's) from Gulf of Mannar coastal waters, Assessment of mangrove species diversity, distribution and cover estimation in Thoothukudi district, TamilNadu and analyzing the water samples brought by farmers and sea food processing entrepreneurs were carried out. One University Research Project on "Evaluation of enriched bacterial consortium for the treatment of ammonia and nitrite in aquaculture waste water "funded by TNSCST, Chennai is being operated.
4.	NADP scheme on "Integrated fish farm model complex at Fisheries College & Research Institute, Thoothukudi for capacity building of inland fish culturists to augment fish production" was operated under infrastructure development. DSIR research scheme on "Livelihood improvement of women through skill development in ornamental fish farming with special emphasis on production of attractive and high-quality ornamental fishes" was operated. Conducted two training programmes (Refresher Training Course on Aqua Enterprises and

	Business between 24.07.2023 to 28.07.2023, funded by MANAGE, Hyderabad / On Campus training on AyiraiMeen (Loach) Fish Farming held on 28.08.2023.
5.	National Surveillance programme for Aquatic Animal Diseases –Phase II scheme is being conducted.
6.	One ongoing JTRF research project was operated on "Improvement of catching efficiency of wire mesh fish traps for reef fishery of Therespuram fishing village of Thoothukudi coast" with the budget outlay of Rs. 1.10 lakhs. A research project entitled "Design and development of Troller for the exploitation of high valued pelagic fishes from Thoothukudi coast" has been submitted to Tamil Nadu Innovation and Initiatives (TANII) with the budget outlay of Rs. 39.90 lakhs. Three training project proposals have been submitted to District Skill Development Office, Nagercoil with the total budget outlay of Rs.14,79,200/-A training project on "Livelihood upgradation of fisherwomen of Thoothukudi District through training on Gill Net Designing, Assembling and Mending" has been sanctioned and one week training has been also conducted from 04.09.2023 to 12.09.2023. Faculty of this department has participated in 21 days residential programme on Foundation course for Faculty of Agricultural Universities organized by NAARM, Hyderabad from 7th to 28th September 2023 and participated in Exhibition on "Agri expo 2023" held at Care Engineering College, Trichy. Faculties of this department also have published one research article, six popular articles, one training manual in Tamil and delivered one video talk and five training classes were also taken to the trainees during this period.
7.	Ph.D. scholars are carrying out their research works and total of two research projects, EDII, Chennai were operated.
8.	The organization is serving as TNJFU Referral Laboratory for Fish Quality Monitoring and Certification for testing the quality of fish and fish products and issuing certificates to fish entrepreneurs. One on-going Self-financing scheme on "Quality analysis of fish samples" is under operation.
9.	University Research Project on "The changing dynamics of labour migration on employment, livelihoods, and resource productivity patterns in Indian marine fisheries sector "funded by ICAR - NASF, New Delhi is being operated.

IQAC 3rd and 4th Quarter Meeting

12.10.2023



(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl. No	Name of the Activities
1.	<ul style="list-style-type: none"> B.F.Sc, M.F.Sc and Ph.D programs are offered with an objective to produce professionally skilled manpower to cater to the needs of the Fisheries sector of the state. Development and popularization of viable and appropriate fisheries / aquaculture technologies for the production and utilization of the fishery resources are undertaken through research, teaching and extension programmes. Tailor made programmes to meet the need of the trainee sector which include fisher folk, women SHGs and the rural youth is undertaken to develop fisheries / aquaculture entrepreneurship.

(iii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl. No	Name of the Activities
1.	Training Programme on Fish Farmers' Meet – sharing of experience by successful farmers' was conducted on 10.07.2023.
2	Awareness Programme on Life Saving Appliances & Impact of plastic pollution on fishery Resources was conducted on 26.07.2023.

(iv) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No	Name of the Activities
1	B.Tech (Biotechnology) degree programme is being offered As on date 106 students are on roll.

(v) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No	Name of the Activities
1	M.F.Sc and Ph.D degree programme is being offered As on date 10 M.F.Sc and 9 Ph.D students are on roll.

(vi) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No	Name of the Activities
1.	Arranged English Experts for conducting the basic spoken English Class to the students to overcome the students difficulties in English communication skill.
2.	Encouraged students to represent a powerpoint representation for each subject. This activities have been done regularly.
3.	Students face to face group discussion have been arranged for each students so as to organize the workshop/training among the students.
4.	Water sampling test have been carried out for drinking water to check the water quality analysis at NFL, FSSAI, Chennai

(vii) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No	Name of the Activities
1.	B.Voc. IA is being offered to produce manpower for aquaculture and allied industries.
2.	Aquafeed is produced for research, incubatees and farming communities.
3.	Wet Labs/ RAS / Biofloc facilities for research and industry projects.

(viii) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

Sl.No	Name of the Activities
1.	B.Voc. IFT and B.Voc. IFPT have been offered to produce manpower for the marine fishing and fishing processing industries.
2.	Conducted six days of Training imparted to the fishermen
3.	B.Voc. (FPT) course is aimed at providing skilled professionals to seafood processing plants

2. New academic programmes initiated (UG, PG & Ph.D.): Nil

Name of the Course	Initiated during the year

3. Innovations in curricular design and transaction

(i) Fisheries college & Research Institute, Thoothukudi

Sl. No	Innovations made
1.	Anti- Ragging Committee, Anti- Drug Committee and Grievance Committee have been created with chairman and members for creating conducive environment in the College for effective learning. The information and the contact details of the above committee were displayed in front of library and hostel room for the utility by newly joined 1 st year students and their parents.

(ii) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No	Innovations made
1.	New revised syllabus of M.F.Sc and Ph.D approved by BSMA-ICAR is being adopted.

4. Inter-disciplinary programmes started: Nil

Name of the programme	Started during the year

5. Examination reforms implemented

- Online examinations have been already implemented from the examination control unit which have been highly benefited during the pandemic situations.
- Adoptions were made from the constituent units for implementing the innovative examination reforms time to time.

6. Candidates qualified: JRF/AIEEA-PG/NET/ARS:**(i) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru**

Name of the Candidate	Qualified in
K. Surya	CIFE – Aquaculture
V. Mahendra Varman	CIFE – Aquaculture
S. Anvita Sreemathi	CIFE – Fish Nutrition and Feed Technology
R. R. Jothisri	CIFE – Physiology and Biochemistry
V. Gowsika	CIFE – Economics
K. Vignesh	CIFE – Economics
P. Nathina	KUFOS – Aquaculture
S. Tamilprakash	College of Fisheries, Mangalore - Fishing Technology and Fisheries Engineering
S. Soumiya	College of Fisheries, Ratnagiri - Extension
N. Samaya Prakash	SKUAST-K - Fish Nutrition and Feed Technology
C. Vasanth	SKUAST-K – Extension
R. P. Kaviya	SKUAST-K – Extension

(ii) Institute of Fisheries Biotechnology, Vaniyanchavadi

Name of the Candidate	Qualified in
V. Jothiswaran	GAT-B
M.Harinivas	GAT-B
R.Sanjay Kumar	GAT-B
L.Subitsha	GAT-B
Sanjay Vijayakumar	GAT-B
N. Rohith Reddy	GAT-B
S. Tamil Mani	GAT-B

7. Initiative towards faculty development programme:**(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri**

Sl. No	Initiative taken towards faculty development programme
1	National Level Think Tank Workshop on Potential Species Diversification of Sustainable Farming in Tamil Nadu was attended by the staffs of Department of Aquaculture and Department of Aquatic Animal Health management, FC&RI, Ponneri on 21.07.2023.

(ii) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No	Initiative taken towards faculty development programme
1.	The faculty development through sending the faculty for attending CAFT programs is always encouraged.
2.	Faculty will be sent to CAFT programs once the CBP portal will be updated for training programs.

8. Total number of seminars/workshops/conferences conducted:**(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri**

Name of the Seminars/Workshops/conference	Date
Foundation course for faculty of Agricultural universities	07.10.2023 - 27.10.2023

National Conference on NexGen Extension for Evolving Resilient Agri Ecosystems (NEERAE 2023)	25.10.2023 - 27.10.2023
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(ii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Name of the Seminars/Workshops/conference	Date
'Predatory Journals vs Indexed Journals: Navigation the Publishing Landscape for your Research'.	28.07.2023

(iii) College of Fish Nutrition and Food Technology, Madhavaram

Name of the Seminars/Workshops/conference	Date
Organised a webinar on the topic "Scope of Working in Indian Start-ups" for all the students of B.Tech. Food Technology. The guest speaker for this session was Ms. Meera Srinivasan, Director of Nutrition and Health, Thinking Forks, Bangalore.	15.07.2023
Organised a webinar on the topic "What is the Difference between MNC and Start – Ups" for all the students of B.Tech. (Food Technology). The guest speaker or this session was Mr. Chandrasekharan S.B., Co- Founder, Freshorders.in and Advisor, Cintana Technologies.	17.07.2023
Conducted an intercollegiate competition on essay writing to create awareness on anti ragging. The topics for the essay writing competition were "The Menace of Ragging in Educational Institution", "Legal and Ethical Aspects of Anti-Ragging Measures", "Preventive Measures to Curb Ragging".	18.07.2023
Displayed the Live Streaming of the inaugural program for the students. Hon'ble Prime Minister Modi inaugurated the Akhil Bharatiya Shiksha Samagam at Bharat Mandapam celebrating 3 years of National Education Policy 2020.	29.07.2023
Conducted a speech competition for the B.Tech Food Technology students on the topic Role of Mahakavi Bharatiyar in India's Freedom".	14.08.2023
Organised an Interschool competition for school students of class VII to IX to celebrate the 77 th Independence Day. A poem competition on "Poem about Mahakavi Bharatiyar" was held in order to highlight Mahakavi Bharatiyar's role in Freedom Movement. 21 students from 3 different schools participated and the prizes were distributed.	15.08.2023
A Special Guest Lecture was organized on "Thaimozhiyum Desamum" by Mr. M.P. Nathan, Retd Advocate in connection with Kalaigarnar centenary celebrations.	15.08.2023
A programme to appreciate the Nizhal Volunteers was organized at CFNFT. Guest speakers Ms. Shoba Menon, Founder, Nizhal, Rajkumar, Lead - Madhavaram Urban Forest shared their experiences and appreciated the student volunteers for their dedicated service. The student Volunteers the outgoing IV year were given certificates by NIZHAL.	19.08.2023
Four students of II year B. Tech. Food Technology, participated in the National Conference cum Workshop on Millets as a Nutritional Paradigm in Ensuring Food Security at CFDT-TANUVAS, Koduvalli. Ms. T. SubaNandhini, II year presented a poster on 'Little Millet Based Pizza Base.'	14.09.2023 & 15.09.2023
Students of II year B.Tech. Food Technology demonstrated on 'How to Read a Food Label' at the Eat Right Millet Mela, Island Grounds, Chennai.	17.09.2023
Celebrated the World Environment Health Day by cleaning the campus and also fixed a board saying "PLASTIC FREE CAMPUS" to follow good practices to create a healthy environment for the students.	26.09.2023

9. Research projects a) Ongoing b) completed

(i) Fisheries college & Research Institute, Thoothukudi

a) Ongoing Research projects:

Sl. No.	Name of the faculty	Title of the project	Funding Agency	Budget of the project	Salient Research findings
	Dr.D.Manimekalai	Evaluation of enriched bacterial consortium for the treatment of ammonia and nitrite in aquaculture waste water	TNSCST, Chennai	1.75 lakhs	Administrative sanction received by the University to operate the project in the Department. First installment received. Date of start for the scheme is 25.09.2023
2.	Dr. R. Shalini Assistant Professor and Head	Self-financing scheme on "Quality analysis of fish samples"	Revolving fund	Self - Financing	No. of samples analysed 29 Total Income Rs.19,700/-
3.	Dr. T. Umamaheswari	The changing dynamics of labour migration on employment, livelihoods, and resource productivity patterns in Indian marine fisheries sector	ICAR - NASF, New Delhi	4.395 lakhs	Prepared the Survey schedule on "Inventory of landing sites (Harvest centres, Fish markets and Post-harvest centres)" Attended the follow-up meeting (online) and presented the above-mentioned survey schedules to the project team on 07.07.2023 Submitted the letter to open an SB account for the project to the Dean on 19.07.2023 and the account was opened Attended the follow-up meeting (online) and presented the revised survey schedules (based on the inputs received from the project team) to the project team on 21.07.2023 Attended the "Orientation and Acquaintance Meeting" through Zoom Meet with the following External Experts and Project team on 18.08.2023 (5.00 PM – 6.45 PM) Works related to the purchase of gadget was done
4.	Dr. N. Jayakumar, Associate Professor & Head	Assessment of spawning seasonality of Major marine	Tamil Nadu Innovation initiatives	146.80	Detailed below

		fishery groups along the coast of Tamil Nadu for sustainable fishery management	(TANII)		
<p>Fish specimens were collected regularly from the major fishing harbours situated along the coast of Tamil Nadu. Morphometric measurements like total length / fork length and total weight were taken for all the specimens collected; number of males and females were recorded for each species for the determination of sex ratio.</p> <p>Fish catch data were collected during sampling. The specimens collected were dissected out and reproductive biological characteristics like gonad length, gonad weight, maturity stages, feeding intensity, gut weight, weight of the gut contents and liver weight were recorded for each species. The ovaries were preserved in Gilson's fluid and the number of eggs was counted to estimate the fecundity. Ova diameter was measured using an ocular micrometer to ascertain intra-ovarian periodicity.</p> <p>Histology of gonads was done. Plankton sampling was done for the collection of eggs and larvae of fishes.</p> <p>Purchased deep freezer (three units) through limited tender system</p> <p>Steps were taken to purchase Automatic microtome (2 units) and Electrophoresis units (3 units)</p> <p>Submitted the request for the release of second installment fund for the continuation of the project</p>					
5.	Mr. C. Sudhan Principal Investigator	Digital solutions for sea turtle conservation in south Tamil Nadu	TNJFU-JTRF Scheme (2021-22)	1.70	Detailed below
<p>Sampling along the study area specific to Thoothukudi district was carried out and details about turtle species conservation were surveyed among the public</p> <p>Performance of android mobile application and online blog developed via online google platform were reviewed</p> <p>Extension letter for one year for testing the developed android mobile application and blog was submitted</p>					
6.	Dr.B.Chrisolite – PI Dr.P.Sivasankar – Co-PI	National Surveillance programme for Aquatic Animal Diseases –Phase II	PMMSY through ICAR-NBFG	52.20	Detailed below
<p>Sample collection: Thirty two 32 <i>P.vannamei</i> samples were collected from Ramanathapuram, Pudukkottai, Thanjavur and Nagapattinam district shrimp farms.</p> <p>Analysis: The <i>P.vannamei</i> (32 samples) were analyzed for the presence of WSSV by PCR. One sample gave positive result for WSSV.</p> <p>Thirty two samples (<i>P.vannamei</i>) samples were analyzed for EHP. Out of the Thirty two samples, fifteen samples gave positive result for EHP.</p> <p>Thirty two samples were analyzed for the presence IHNV, MBV, BP, IMNV, TSV, and YHV. The analysis gave negative result.</p> <p>Thirty two samples were analyzed for Decapod iridescent virus (DIV1) by PCR. The analysis gave negative result for DIV1.</p> <p>Bacteriology:Fifty six bacterial isolates isolated from shrimp samples were analysed for the presence of AHPND by PCR. All isolates gave negative result for AHPND.</p> <p>The PI and Co-PI along with YPII visited Ramanathapuram, Nagapattinam, Thanjavur and Pudukkottai districts and discussed with the Assistant Directors of Fisheries about their involvement and sending samples of diseased animals for analysis in the laboratory and reporting to NSPAAD.</p> <p>National Surveillance Programme for Aquatic Animal DiseasesScheme report was submitted NBFG for the period of May to August.</p>					

Fish Analysis:

Tilapia sample collected from Hyderabad was analyzed for Tilapia lake virus. The analysis gave negative result.

From the infected fish bacterial isolates were isolated and confirmed as *Aeromonashydrophilla* by PCR technique

National Surveillance Programme for Aquatic Animal Diseases Scheme report was submitted NBFGR for the period of May to August.

Cells culture

Cells maintained:

Currently the following the cell lines were split regularly and maintained in the cell culture:

SSN1 –P1096, SBCP2a- P476, SBCP2 –P725, BF2 – P714, Fusion flask – P489, EPC-488, CFSP –P491, CFBR –488, CFBR4-528, CFFN2- 425, Kio Gill-273.

Kidney and spleen samples of Snakehead fish collected from Authoor, Thoothukudi district were analysed for the presence of viral agent in cell culture. The analysis gave positive result for viral agent and confirmed as rhabdovirus through PCR.

Snake head fish samples collected from Thoothukudi district were analysed for the presence of Tilapia lake virus. The analysis gave negative result.

Brain, kidney, spleen and eye (Pooled tissue) of snakehead fish samples collected from Erode district were analysed in cell culture for the presence of viral agent.

Brain, kidney, spleen and eye (Pooled) Sea bass fish samples collected from Mandapam Ramanathapuram district were analysed in cell culture for the presence of viral agent.

Brain, kidney, spleen and eye (Pooled) Snakehead juveniles fish samples collected from challenge study fish were analysed in cell culture for the presence of viral agent.

Brain, kidney, spleen and eye (Pooled tissues) of Snake head fish, Tilapia 3 samples, Pacu and Catfish collected from Tiruchirappalli and Thuraiyur fish farms in processed in SSN1 and EPC cell line for the presence of viral agent

7.	Dr. P. Ganesan (as PI)	Establishment of Marine Products business incubation forum	EDII, Chennai	250 lakhs	Detailed below
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EDII-MPBIF related activities

Submitted manpower re-appropriation requisition letter to the Registrar, TNJFU, Nagapattinam on 14.07.23 through proper channel.

Submitted reappropriation of manpower budget requisition letter to the Director, EDII, Chennai on 20.07.23 through email addressing the Additional Director, EDII, Chennai.

Incubate registration – 2 nos.

Submitted reappropriation of manpower budget requisition letter to the Dean, FCRI, Thoothukudi on 28.07.23

Submitted proforma for Agri rise special issue covering the functions and success stories of EDII-MPBIF to the Dean, FCRI, Thoothukudi on 31.07.23.

Fund reappropriation and income utilization requisition letter subject to the scheme EDII-MPBIF was submitted to the Registrar, TNJFU on 02.08.23 through proper channel.

EDII-MPBIF incubation details and success story were submitted to the funding agency, EDII, Chennai.

Submitted incubate profile of EDII-MPBIF, DFPT, FCRI, Thoothukudi to the funding agency, EDII, Chennai on 16.08.23.

Submitted audit paras to the Dean, FCRI, Thoothukudi subject to the scheme EDII-MPBIF, DFPT, FCRI, Thoothukudi for the year (2022-23)

Had discussions with NABARD GM, Tirunelveli and Lead Bank Manager, Thoothukudi to support for the upgradation of EDII-MPBIF and submitted proposal to NABARD in the same regard.

Justification of pre-incubation cost re-appropriation to manpower head was submitted to FO, TNJFU and Registrar, TNJFU, Nagapattinam on 24.08.23.

Processed payment to Jaya Engineering firm on 24.08.23 after executed the pending work of seaweed machineries supplied by them.

Quotation called for
Online Ups
Online Ups Battery
Laptop
Submitted manpower re-appropriation status under the project of EDII-MPBIF, FCRI, Thoothukudi to the funding agency, EDII, Chennai on 12.09.2023.
Submitted progress report up to August 2023 of EDII-MPBIF to the funding agency on 13.09.2023.
Submitted seafood highway knowledge centre rental occupation request of incubate of EDII-MPBIF to the Dean, FCRI, Thoothukudi on 19.09.23.
Submitted triparty agreement and other relevant documents to EDII, Chennai, funding agency on 20.09.2023 for the release of 1st installment awarded against IVP- Voucher A grant of Rs. 2.00 lakhs to M/s. Herblis Health Care for cosmetics developed from agricultural seaweed.
Submitted a one-page write-up (in Tamil) of the scheme EDII-MPBIF, FCRI, Thoothukudi to the DR, TNJFU, Nagapattinam through the Dean, FCRI, Thoothukudi.
Organized the inauguration of a food truck owned by the incubate (M/s. Rybax, Thoothukudi) of EDII-MPBIF, DFPT at FCRI, Thoothukudi on 25.09.2023 and the event was presided over by the Dean, FCRI, Thoothukudi.

8.	Dr. P. Ganesan Hub Co-ordinator	Innovation and Entrepreneurs hip Development Programme (IEDP)	EDII, Chennai	Till now received Rs.2,00,500 and spent Rs. 1,97,822 for the conduct of various programs under the project. Further, the upcoming fund will be received then and there during the conduct of the programs.	Detailed below
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IEDP – Hub related activities

IEDP – Hub related activities

Initiated and completed spoke registration under fisheries hub with A.V.V.M Sri Pushpam college, Thanjavur

Submitted work done report and UC for the month of July 2023

Called for field coordinator post under IEDP – Fisheries Hub operated at FCRI, TNJFU, Thoothukudi on 22.08.23.

Conducted interview for the post of Field Coordinator under IEDP- Fisheries Hub project on 12.09.2023.

Issued appointment order to the Field Coordinator selected under the IEDP- Fisheries Hub project on 13.09.2023.

Spoke registration with the faculty.

Bishop Caldwell Arts and Science College, Thoothukudi.

Annammal College at Education for women, Thoothukudi.

Grace College of Engineering, Thoothukudi.

Dr.G.U.Pope College of Arts & Science. Sawyerpuram.

St. Mother Theresa Engineering College, Vagaikulam.

Rajalakshmi College of Arts and Science, Vagaikulam.

JayarajAnnapackiam CSI college of Engineering, Nazareth.

NazerathMargoschis College, Pillaiyanmanai.

Dr.SivanthiAditanar College of Engineering,Tiruchendhur.

GovindammalAditanar College for Women, Tiruchendhur

b) Completed Research projects

b) Completed Research projects: Nil

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

a. On-going Research projects

Sl. No	Name of the faculty	Title of the project	Funding Agency	Budget of the project	Salient Research findings
1.	Dr. A. Uma	Integrated Disease Surveillance monitoring system and seed quality assessment to Augment Aquaculture Production in Tamil Nadu at TNJFU - Madhavaram campus.	NADP	Total budget 130.60 Received 14.8 lakhs	Disease surveillance activity was continued in various districts of the state.
2.	Mrs. S. Aruna Applied for Extension for 1 year (upto 31.3.2024)	Artificial Coral Reef / Live Rock (ACR / LR) and Fish Aggregating Artificial Reef (FAAR) to Enhance Fish Diversity and Biomass in the Sea Near Pulicat Lake Towards Fishing Pressure Reduction and Livelihood Improvement of Fisherfolk in the Lake Region.	TANII	430.66	Water and sediment samples were collected from AR deployed site and their Physico-chemical parameters were analyzed. Monthly fish landing data were gathered to monitor the fish diversity in the local fishing village.
3.	Mrs. S. Aruna	Study on the assessment of fishery resources and its productivity to assess the ecosystem services in the critical ecosystems along East coast of India.	NCCR	31.61	Regular monitoring of physico characteristics of water & sediment samples were analysed in Pulicat lagoon. Phytoplankton, Zooplankton & benthos were also quantified.

4.	Mrs.S. Agnes Daney Angela	Socio – Economic and Environmental impact study of shrimp farms and hatcheries in selected districts of Tamil Nadu.	TNJFU Research Corpus Fund	14.98	Consolidation of information given by the key informants on socio-economic impact was done. Regular sampling in Chengalpattu and Villupuram, as stocking has not been started in
5.	Dr.Mahadevi	Cost effective captive breeding technology for <i>Channa striata</i> (Striped Murrel) for field level adoption.	TNSLURB	15.18	The facilities for broodstock rearing and breeding have been created. Standardization of breeding of striped murrel using pituitary gland extract from pituitary collected from different fishes is in progress.
6.	Dr. S. Saravanan	Standardization of Invitro propagation of commercially important seaweed of <i>Gracilaria sp</i> in the Pzhaverkadu region for the mass multiplication through tissue culture.	TNJFU- JTRF	2.00	The collected seaweeds were subcultured on weekly once and replenished by nutrient media and provided proper aeration. The isolated genomic DNA and the PCR optimization was carried out for the collected seaweeds.

7.	Mr. K.Karuppasamy	Studies on Taxonomic evaluation and stock assessment of Marine Clupeiforms fishes (Family: Clupeidae, Engraulidae, Prestigasteridae, and Chirocentridae) employing traditional molecular tools along the Coramantal coast of Tamil Nadu, South east coast of India.	TNJFU-JTRF	2.00	Collected and identified 25 species of Clupeiformes fishes in Chennai and Nagapattinam, Coromandel coast of India. Among the clupeiformes fishes 5 species length frequency and catch and efforts details were collected for stock assessment.
8.	Mrs. B. R. Sona	Seasonal variation and diversity assessment of macrobenthos in Pulicat lagoon.	URP-TNJFU	-	Sediment grain size and organic carbon were analyzed in sediment sample 15 species of macrobenthos (13 gastropods and 2 bivalve species) have been identified.

b. Completed Research projects

Sl. No	Name of the faculty	Title of the project	Funding Agency	Budget of the project	Salient Research findings
1.	Dr. Cheryl Antony	Evaluation of the effect of protein hydrolysates on the growth and immune response in <i>Penaeus Vannamei</i> .	Kemin, Chennai	7.55	The feeding trial has been completed and challenge study is completed. Data analysis and report prepared and report has been sent to the funding agency for review.
2.	Mrs.S. Agnes Daney Angela	Establishment of "Digital Blue" – E-extension hub in Aquaculture and Fisheries Sector.	NADP	106.00	Project completed on 31.08.2023
3.	Mr. K.Karuppasamy	A study of Ichthyofaunal diversity along the Chennai Coast of Bay of Bengal Region.	URP-TNJFU		Totally 465 species were recorded along the Chennai coast, Southeast coast of India. Among these 230 species were reported as food fishes followed by 60 species of fishes were

					<p>reef/rare fishes and 165 bycatch species has been recorded along the Chennai coast.</p> <p>Three species were reported as first/new records to India. Catch and effort data for 40 commercially important species also were collected.</p> <p>Family: Nemipteridae contributes dominant catch followed by Dorosomatidae and Carangidae.</p>
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(iii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

a) Ongoing Research projects

Sl.No	Name of the faculty	Title of the project	Funding Agency	Budget of the project	Salient Research findings
1.	Mr. S. SanthoshKumar and Dr. A. Subburaj (Co-PI)	Assessment of spawning seasonality of major Marine Fishery groups along the coast of Tamil Nadu for sustainable Fishery Management	TANII	Rs. 146.80 lakh	<ul style="list-style-type: none"> In a comprehensive study of fish populations in Nagapattinam and Cuddalore, a total of 77 species were identified through multiple samplings. Three samplings at Nagapattinam revealed 57 species, while one at Cuddalore identified 20 species. Biological parameters, including size, weight, sex, and reproductive details, were assessed for all species, with data meticulously recorded in an Excel database. Ovary samples from 45 species were preserved for fecundity analysis, including ova diameter assessments. Egg and larvae samples from both locations underwent morphological, gut, and gonad condition analyses. A dedicated laboratory for histology and molecular work was established, equipped with instruments

					acquired through the TANII project scheme, enhancing research capabilities for in-depth investigations into fish biology and molecular aspects.
University Funded Projects					
1.	Mrs. S.J. Abisha Juliet Mary Assistant Professor	Spatial Distribution of β -Lactam Resistance genes among <i>Vibrio</i> spp. Isolated from Shrimp farms of Vedaranyam	TNJFU – JTRF	2 lakhs	<ol style="list-style-type: none"> 4. Collected 225 shrimp samples and 90 water samples. 5. A total of 463 <i>Vibrio</i> sp were isolated from the samples. 6. 356 bacterial isolates were reisolated from the glycerol stock. 7. 10 of the reisolated bacteria were checked for AMS test through disk susceptibility assay. 8. DNA was isolated for the reisolated bacterial cultures. 9. The bacterial samples were send for sequencing and identification of species level vibro isolates were done. 10. Molecular analysis of beta lactam genes were done for 52 samples.
2.	Mr. S. Kesavan Assistant Professor	Assessment of microplastics and debris abundance in point Calimere wetland and Muthupet mangrove ecosystems	TNJFU – JTRF	1.70 lakhs	<ul style="list-style-type: none"> • A marine debris survey was conducted at Point Calimere on 28.07.2023, including the collection of sediment samples. • Sampling requests were sent to the Wildlife Wardens in Thiruvavur and Nagapattinam, as well as the Chief Conservator of Forest in Chennai. • Additionally, debris sampling took place near Adirai beach in the Muthupet Mangrove region on 26.08.2023 and at Point Calimere beach and Muthupet Mangrove region on 30.09.2023
3.	Dr. S. Deepika Assistant	Study on the impact of shrimp farms and anthropogenic	TNJFU –URP	0.5. Lakhs	Final report to be submitted.

	Professor	activities on the water quality of the selected locations along Vedaranyam canal			
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b) Completed Research projects

Sl.No	Name of the faculty	Title of the project	Funding Agency	Budget of the project	Salient Research findings
1.	Dr. V. Alamelu Asst. Professor	Emergence of <i>V.vulnificus</i> risk in seafood safety in response to climatic changes (SC.NO.22 – 101– 01)	DST – SERB, New Delhi	39.67 Lakhs	<ul style="list-style-type: none"> Isolated and studied the important virulent biomarkers of <i>V. vulnificus</i> from the seawater and various seafood harvested during different seasons in Tamil Nadu coast Studied the effect of environmental parameters on the expression of virulence genes of <i>V.vulnificus</i> Studied the antibiotic susceptibility of the <i>V. vulnificus</i> isolates Antibiotic susceptibility of the 184 selected isolates was evaluated against the selected antibiotics using the disc diffusion method. <i>Escherichia coli</i> ATCC 25922 was employed as a bacterial strain for quality control. Antibiotic resistance profiles of <i>V. vulnificus</i> isolates were studied for antimicrobial susceptibility testing. Virulent gene expression studies were carried out.
University Funded Projects					
1.	Mrs.S.Vimaladevi, Assistant Professor	Development and standardization of health drink from Bio-modulated chitosan	TNJFU JTRF	– 2 lakhs	<ul style="list-style-type: none"> Water-soluble chitosan (WSC) based products were formulated and the products were found to decrease fat accumulation in adipocytes. WSC based products were found to be safe for consumption and the developed products can be used as anti-obesity food products.

2.	Mr. V. Vijayarahavan, Assistant Professor	Formulation of Ulva based jam products	TNJFU - URP	0.30 lakhs	<ul style="list-style-type: none"> Developed Ulva Jam and assessed its nutritional properties. The Shelf life of the seaweed Jam was found to be 6 months.
3.	Mrs. S.J. Abisha Juliet Mary Assistant Professor	Isolation and characterization of antimicrobial resistant gut microflora associated with farmed shrimps in Nagapattinam region	TNJFU –URP	0.6 lakhs	<ul style="list-style-type: none"> Shrimp samples were collected from the selected 12 sites. A total of 92 bacterial isolates were isolated and characterised In the 92 G-ve isolates, 32(39.5%) were identified as <i>Vibrio parahaemolyticus</i>, 31(20.8%) were identified as <i>Aeromonas hydrophila</i> and 29(18.2%) were identified as <i>E. coli</i>. AST was done for 13 <i>Aeromonas hydrophila</i> isolates and 15 <i>E. coli</i> isolates. Shrimp samples were collected from the selected 12 sites and isolation of bacteria was done. Biochemical characterization was done for each isolate.
4.	Mr. V. Durai Assistant Professor	Investigation on the catching efficiency of Monofilament And Multifilament Gillnets being operated selected fishing villages of Nagapattinam District	TNJFU –URP	0.3 lakhs	<ul style="list-style-type: none"> 12 months work has completed regarding data collection. CPUE calculation estimation was done. Works is in progress for two-way ANOVA tool. Catching efficiency of multifilament was better than monofilament.
5.	Mrs. M. Muthu Abishag Assistant Professor	Studies on the low temperature preservation of microalgae (<i>Navicula</i> sp.) isolated from shrimp farms	TNJFU –URP	0.45 lakhs	<p>11. The pure culture of <i>Navicula</i> sp. can be obtained by serial dilution and incubation in f/2 Guillard media at 27-28°C at 100 lux for about 15-20 days.</p> <p>12. Among the different low temperatures preserved, <i>Navicula</i> sp. Cryopreserved at -196 °C using 5% DMSO as cryoprotectant following 2 step freezing protocol</p>

					<p>exhibited good growth characteristics.</p> <ul style="list-style-type: none"> • Final report was submitted on January, 2023
6.	Mr. P. Yuvarajan Assistant Professor	Water hyacinth leaf meal in the diet of genetically improved farmed tilapia	TNJFU –URP	0.46 Lakhs	<ul style="list-style-type: none"> • A 60-day feeding trial was conducted for the replacement of deoiled rice bran by solid state fermented water hyacinth leaf meal with the graded level of 0% (Control), 33% (Treatment 1), 66% (Treatment 2) and 100% (Treatment 3). • Better growth performance was observed in the treatment 3 compared to control and other treatments. Hence, SSF-WHLM can completely replace the DORB in the diet of genetically improved farmed tilapia. • Final report was submitted on January, 2023.
7.	Mr. S. Kesavan	Assessment of molluscan diversity and debris abundance in Point Calimere wetland	TNJFU-URP	0.10 Lakhs	<ul style="list-style-type: none"> • The mean average marine debris in Point Calimere wetland is estimated as 1.23 ± 1.17 count/m². • Among the plastic, plastic rope and fishing net contributed around 74% indicating the prevalence of fishing related debris in this region. • Shoreline/recreational activities and Ocean/waterway activities (mainly fishing) are the major source of debris pollution in Point Calimere wetland. • In terms of number, Plastic contributed more to the pollution followed by clothes indicating the rural dumping of clothes into the coastal region. • A total of around 40 species of molluscan has been identified from the Point Calimere wetland.

Institutional development Project:					
1.	Mrs.S.Vimaladevi, Assistant Professor (Co-PI) Mr. V. Vijayarahavan Asst. Professor (Project in charge from May, 2022 onwards)	TNJFU's Business Incubators in Aquaculture and Fish Processing to promote start-ups integrated Fisheries Entrepreneurship in Tamil Nadu State.	NADP	72 lakhs	<ul style="list-style-type: none"> Conducted training programmes for fishing communities on value added fish products. Incubation centre for fish products was established

(iv) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Ongoing Research projects

Sl.No	Name of the faculty	Title of the project	Funding Agency	Budget of the project	Salient Research findings
1.	Dr. Deepak Agarwal	Deciphering genomic insights associated with adaptation in <i>Etroplussuratensis</i> (Pearl spot) for climate resilient aquaculture	ICAR-NICRA	Rs. 33.5 Lakh	Sequencing is under progress.
2.	Dr. V. Kaliyamurthi	Understanding the mechanism of resveratrol and IL-17 knockdown on macrophage via NFkB signaling pathway under Metabolic stress conditions	DST SERB – CRG	Rs. 45 Lakhs	First year allotment of Rs. 18.00 lakhs has been released. IAEC clearance obtained. Project initiated.
3.	Dr. Ambika Binesh	Investigation on molecular crosstalk of inflammatory hub NFkB and NICD using zebrafish model	DST SERB – SRG	Rs.31.1 Lakhs	First year objectives completed. Second year installment has been released and is under progress.

a) Completed Research projects: Nil

(v) College of Fish Nutrition and Food Technology, Madhavaram

a) Ongoing Research projects

Sl.No	Name of the faculty	Title of the project	Funding Agency	Budget of the project	Salient Research findings
1.	Dr. Usha Antony, Dean & Dr. K. Hema, Assistant Professor	Development of Fish Masala	Aproanch Masala Industry	Rs. 1,00,000/-	-

b) Completed Research projects: Nil

(vi) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

a) Ongoing Research projects

Sl.No	Name of the faculty	Title of the project	Funding Agency	Budget of the project (in lakh)	Salient Research findings
1.	Dr. P. Chidambaram	Establishment of Fisheries demonstration units at AIRLIVAAS	NABARD & Govt. of Tamil Nadu	267.0	<ul style="list-style-type: none"> 205 Nos of guppy, molly, and swordtail ornamental fish were produced. Initiation of organic production of veggies like greens, brinjal, and chilli was carried out.
2.	Dr. P. Chidambaram	Development of Dry Land Integrated biofloc tank and farm pond polyculture system for adoption in fallow land region of Salem District	TNSLURB	11.18	<ul style="list-style-type: none"> Periodical sampling of fish and prawn has been done and the average size is 145.2 gm. and 21.5 gm. respectively.
3.	Dr. P. Chidambaram	Empowerment of Artisanal Fisherfolk of Pazhaverkadu area through Mud Crab Culture Technology	PMMSY	116.0	<ul style="list-style-type: none"> Crab hatchery establishment is being carried out Sampling in the beneficiaries' field has been done.
4.	Dr. Mir Ishfaq Nazir	Nutrigenomic studies on feed development for larvae of striped Murrel (<i>Channa</i>	DBT, India	50.38	<ul style="list-style-type: none"> First experiment sampling was carried out. Transcriptomic analyses of samples are going on.

		<i>striata</i>)			
5.	Dr. Mir Ishfaq Nazir	Tamil Nadu Irrigated Agriculture Modernization Project (TN IAMP) – Component III	World Bank	9.0	<ul style="list-style-type: none"> Initiated procurement of feed ingredients for ornamental feed development

a) Completed Research projects:

Sl.No	Name of the faculty	Title of the project	Funding Agency	Budget of the project	Salient Research findings
1.	Dr. Mir Ishfaq Nazir	Development of cost-efficient feeds and farming practices of Asian Seabass for fish farmers of Tamil Nadu at Directorate of Incubation and Vocational Training in Aquaculture, TNJFU, Muttukadu	NADP-RKVY	80.00 lakh	<ul style="list-style-type: none"> Asian seabass feed was developed and was validated with trials in RAS, hapa cages and ponds. Growth and haematological data analysis has been carried out. Four training programs and demonstrations were carried out.
2.	Dr. Mir Ishfaq Nazir	TNJFU's Business Incubators in Aquaculture and Fish processing Technology to promote Start – Ups Integrated Fisheries Entrepreneurship in Tamil Nadu State	NADP RKVY 2020-21	300 lakh	<ul style="list-style-type: none"> Established 4 incubation centres in sub-centres of TNJFU as: Aquaculture incubation facility at Muttukadu Fish processing incubation facility at Madhavaram. Aquaculture incubation facility at Kanyakumari. Fish processing incubation facility at Thalainayeru. Project report has been prepared and submitted.

10. Patents generated, if any (Patents filed, published and awarded) : Nil

Patent Granted	Patent No.	Date

11. New collaboration research programmes:

(i) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	Name of the programme	Collaborated with	Date
1.	Research work collaboration for CLSM, SEM and Histopathology	Saveetha Deemed University	10.04.2023

12. Research grants received from various agencies:**(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri**

Sl.No.	Name of the Research Grant	Year	Agency Name	Amount (Rs.in lakhs)
1.	Climate changes and their role in the emergence of antibiotic resistant salmonella in farmed shrimp and its environment.	2023-2024	ICAR-NICRA	3.01 lakhs
2.	Integrated Disease surveillance Monitoring system and Seed Quality Assessment to Augment Aquaculture Production in Tamil Nadu.	2023-2024	NADP-RKVY-PFMS	14.80 lakhs

(ii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl.No.	Name of the Research Grant	Year	Agency Name	Amount (Rs. In lakhs)
1.	Genome Trakr network programme	2023	US FDA-Genome Trakr network programme	52.10 Lakhs

(iii) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	Name of the Research Grant	Year	Agency Name	Amount (Rs. In lakhs)
1.	NICRA	2020-21	ICAR	Rs. 33.5 Lakh
2.	SERB - CRG	2020-21	DST	Rs. 45 Lakhs
3.	SERB - SRG	2022-23	DST	Rs. 31.10 Lakhs

13. Details of research scholars**(i) Fisheries college & Research Institute, Thoothukudi**

Sl. No.	Name of the Research Scholar and ID.No. of the scholar	Batch	Degree	Title of Research	Research findings and status
1	Ms. Bavithra DPF (T) 16030 (FRM) (Part-Time), MRC of ICAR-CMFRI, Ramanathapuram	(2016 - 17)	Ph.D.	Integrative taxonomy of selected marine Aroid catfishes of south Tamil Nadu	Carried out research sampling and data analysis
2	Mr. R. Durairaja - Ph.D (Part Time) U-18-TN-03-D-F-006 (FRM)	(2018 - 19)	Ph.D.	Distribution, diversity and stock assessment of fishes in potamon zone of Thamirabarani River, Tamil Nadu, South India	Thesis submitted and conducted final viva-voce on

					14.08.2023
3	Mr. Mahesh Chand Sonwal, I-18-TN-03-002-D-F-011 (FRM)	(2018 - 19)	Ph.D.	Studies on molecular taxonomy, population dynamics, fishery and biology of selected species of Nemipteridae family along the Gulf of Mannar and Wedge Bank, Tamil Nadu coast	Thesis submitted and conducted final Viva voce on 16.08.2023
4	NanjalaVeerbhadra Rao U -20 – TN – 03 – 002 – D – F – 007	(2020 – 21)	Ph.D.	Diversity and stock assessment of fish species of Godavari River, Andhra Pradesh	Thesis submitted and awaited for viva-voce
5	Tamil Selvan R U -20 – TN – 03 – 002 – D – F - 009	(2020 - 21)	Ph.D.	Fishery biology and stock status of File fishes (Family: Monocanthidae) along south Tamil Nadu	Carried out research sampling and data analysis
6	N. Moulitharan U-20-TN-03-003-D-F-002	2020-21	Ph.D.	Studies on ichthyofaunal diversity of rivers of Tiruvallur District, Tamil Nadu, South-east India	Carried out research sampling and data analysis
7	Hari Prasad U-17-GJ-04-004-M-F-005	2021-22	Ph.D.	Diversity, Biology and Stock Assessment of Lesser studied Penaeid Genera of South-East Coast of Tamil Nadu	Carried out research sampling and data analysis
8	Kishore Kumar M U-18-TN-03-003-M-F-010	2021-22	Ph.D.	Biodiversity, biology, stock assessment and fishery of elasmobranchs along the coast of south Tamil Nadu, India	Carried out research sampling and data analysis
9	Sanjay U-15-CG-02-004-B-F-020	2021-22	Ph.D.	Integrative taxonomy, reproductive biology and stock assessment of Lethrinids of the Gulf of Mannar, Southeast coast of India	Carried out research sampling and data analysis
10	Ms.S.SubhashreeDevasena	2021-22	Ph.D.	Efficiency assessment of bio-adsorbents prepared from fish scales in the treatment of municipal and seafood processing plant wastewater in Thoothukudi district	Detailed below
	Presented two research papers (Oral and poster) in an International conference – AGRINOVA 2023, conducted on 12.08.2023 in Tirunelveli district. The following articles were published S. SubhashreeDevasena, P. Padmavathy, V. Rani, P. Ganesan and J. Jaculine Pereira 2023.				

	<p>"Thermally modified fish scale as potential adsorbents for the remediation of nitrite, nitrate and ammonium ions in wastewater" Biomass Conversion and Biorefinery journal (Springer) 2. S. SubhashreeDevasena, P. Padmavathy, V. Rani, P. Ganesan and J. Jacqueline Pereira 2023. "Studies on the efficiency of fish scale adsorbents for treatment of fish processing effluent" Environmental Progress & Sustainable Energy (Wiely), p.e14195.</p>				
11	P.Ramesh	2022-23	Ph.D.	Assessment of mangrove species diversity, distribution and cover estimation in Thoothukudi district, Tamilnadu	Detailed below
	<p>Soil and water samples were collected from selected stations. The collected water and soil samples were analyzed for physico-chemical parameters. At station 1 (Thoothukudi), The water quality parameters such as Temperature, Salinity, pH, Dissolved Oxygen, Nitrite, Nitrate, Ammonia, Phosphate, were analyzed using standard procedure. The observed values are 28°C, 39 ppt, 8.7, 5.6 mg/l, 0.039 mg/l, 0.121 mg/l, 0.242 mg/l, 0.018 mg/l respectively. At station 2 (Palayakayal), The water quality parameters such as Temperature, Salinity, pH, Dissolved Oxygen, Nitrite, Nitrate, Ammonia, Phosphate, were analyzed using standard procedure. The observed values are 28°C, 46 ppt, 8.6, 4.9 mg/l, 0.026 mg/l, 0.089 mg/l, 0.388 mg/l, 0.011 mg/l respectively. At station 3 (Punnakayal), The water quality parameters such as Temperature, Salinity, pH, Dissolved Oxygen, Nitrite, Nitrate, Ammonia, Phosphate, were analyzed using standard procedure. The observed values are 29°C, 41 ppt, 8.6, 5.9 mg/l, 0.045 mg/l, 0.195 mg/l, 0.373 mg/l, 0.019 mg/l respectively. Creation of polygon map of batch mangroves station 1 and 2 was completed. Two abstracts were presented in the "International Conference on AGRI INNOVA 2023" conducted by Indian Agriculture College, Near Kanyakumari, Rathapuram, Tirunelveli District, Tamil Nadu during August 11-12, 2023. Ramesh,P. &P.Padmavathy (2023). Coral nutritional and adaptations to environmental factors" Aqua star magazine (August): p: 89-97</p>				
12	ChavadiHarini, U-17-TN-03-002-D-F-002	2015-16	PhD	Studies on the maturation and spermatology of <i>Penaeussemisulcatus</i> brooders developed in captivity and cryopreservation of spermatophore	On-going
13	PadalaDharmakar, U-18-TN-03-002-D-F-003	2018-19	PhD	Assessment of solid-state fermented meals of cottonseed, sunflower seed and dried brewery waste on the growth and survival of Rohu (<i>Labeorohita</i>) in nursery phase.	On-going
14	RaswinGeoffery, U-20-TN-03-002-D-F-001	2020-21	PhD	Nutritional evaluation of black soldier fly larvae (<i>Hermetiaillucens</i>) and water hyacinth (<i>Eichhorniacrassipes</i>) as a replacement of fish meal in the diets of GIFT Tilapia	On-going
15	P. Subash U-18-TN-03-003-M-F-005	2020-21	Ph.D.	Etiological analysis of white feces syndrome in <i>Penaeusvannamei</i> and its mitigation measures using phytogetic compounds	Detailed below
	<p>The healthy <i>P. vannamei</i>shrimps fed with with feed containing varying concentrations of phytogetic compounds were challenged for WFS and the host immune responses (THC, RBA, SOD, CAT and proPO), serum biochemical parameters (AST, ALT and ALP) and digestive enzymes (amylase , lipase and protease) were assessed at 5, 10 and 15 days post infection and the data were analysed statistically. The hepatopancreas of the challenged shrimps were preserved for histopathological examinations and digestive gene expression studies. A manuscript based on the results of the etiologial analysis of WFS in <i>P. vannamei</i></p>				

	<p>is being prepared for submission. A manuscript based on the results of the etiological analysis of WFS in <i>P. vannamei</i> is being prepared for submission.</p> <p>The results were presented in the "Pre-thesis presentation" on 28.08.2023 and the thesis submitted on 05.09.2023.</p>				
16	D. Evangeline Paripoorana U-18-TN-03-003-M-F-005	2021-22	Ph.D.	Immune responses of freshwater fishes immunized with inactivated viral vaccines against Tilapia lake virus (TiLV)	Detailed below
	<p>Results of the pathogenicity study with ornamental cichlid is under manuscript preparation. Experimental setup has been prepared for vaccination study with TiLV.</p> <p>Grass carp was procured and acclimatized to the laboratory conditions for pathogenicity study.</p> <p>Experimental infection of grass carp with TiLV by both intraperitoneal and immersion route was carried out.</p> <p>Experimentally infected fishes have been checked for Clinical signs and mortality. Tissue samples such as kidney and spleen were collected at 7 and 14dpi and subjected to cell culture and RT-PCR analysis</p> <p>Tissue samples such as kidney, spleen, brain and liver were collected for histopathological analysis</p>				
17	T. Ravikumar	2018-19	Ph.D.	Investigations on the effect of hook size, hook shape and baits on the catching efficiency and selectivity of long lines along Gulf of Mannar coast	Detailed below
	Conducted the final viva voce on 14.06.2023				
18	Karthy A U-20-TN-03-002-D-F-005	2020-21	Ph.D.	Utilization of underutilized marine bivalve resources for the development of artificial fish bait suitable for longline fishing	Detailed below
	<p>Introduction, Review of literature, material and methods and Results and Discussion were completed. Artificial fish baits were tested in commercial long lines. Prepared power point slides for pre thesis seminar presentation. Presented Ph.D research works during pre-thesis seminar held at Conference hall. Got extension of one more semester and registered 7th semester on 05.09.2023</p>				
19	Amala Sajeevaa J U-21-TN-03-002-D-F-003	2021-22	Ph.D.	Design upgradation of serial collapsible carb trap for sustainable exploitation of crab resources along the coast of Ramanathapuram district	Detailed below
	<p>Three experimental fishing trails were conducted</p> <p>FRP moulded thermocol frame was fabricated</p> <p>Literatures were collected for credit seminar</p> <p>Writing of thesis introduction part</p> <p>Literatures were collected for credit seminar</p> <p>Powerpoint slides for credit seminar presentation</p> <p>Presented Ph.D. credit seminar</p>				
20	Archana S U-21-TN-03-002-D-F-003	2021-22	Ph.D.	Investigation on deep sea fishing in selected fishing harbours	Detailed below
	<p>Collected the design, technical and operational details of long line from Thengapattinam fishing harbor. Length and weight data for deep sea tuna were collected from Therespuram fishing village. Research article preparation is under progress. Prepared powerpoint slides for credit seminar presentation. Presented Ph.D. credit seminar</p>				
21	Sumit Kumar Verma U-18-TN-03-002-D-F-012	2018-19	Ph.D.	Microwave processing for drying, blanching and thawing of shrimp (<i>Metapenaeus dobsonii</i>): Evaluation	Detailed below

				and quality characterization	
	Thesis submitted for external evaluation				
22	Sravani, K U-20-TN-03-002-D-F-006	2020-21	Ph.D.	Formulation of seaweed based edible table were and assessment of its physico-chemical, mechanical, bioactive properties and storage stability	Detailed below
	<p><i>Gracilaria edulis</i> and <i>Ulva lactuca</i> plates and cups storage study were performed and analysed the quality parameters.</p> <p>Communicated a research paper titled "Unveiling the nutrient and bioactive potential of <i>Gracilaria edulis</i> and <i>Ulva lactuca</i> as remarkable functional food ingredients" to the journal of Food Science and Biotechnology.</p> <p>Communicated a research paper titled "Optimizing and Evaluating Novel Seaweed Incorporated Edible Cups through Response Surface Methodology" to Journal of Aquatic food product technology.</p> <p>"Response surface methodology for optimization and formulation of seaweed based edible cones" research paper submitted to Current Science got acceptance.</p> <p>Thesis writing</p> <p>Thesis submitted on 05.09.2023</p>				
23	Deepika.B U-19-AP-03-006-M-F-001	2021-22	Ph.D	Extraction of bioactive compounds from seaweeds using green technologies and assessment of quality characteristics of seaweed fortified cosmeceutical and confectionery products	Detailed below
	<p>Prepared seaweed powder and extract from <i>Sargassum wightii</i> and analyzed the proximate composition and bioactive properties.</p> <p>The soap and cream storage studies were examined.</p> <p>Agar was extracted using conventional, UAE, MAE and UMAE by using RSM.</p> <p>Quality analysis of agar were done.</p> <p>Carrageenan extraction trials were conducted.</p> <p>The soap and cream storage studies were examined</p> <p>Extracted agar using ultrasonication, microwave, and ultrasound microwave-assisted extraction methods and optimized by RSM.</p> <p>The quality analysis of the optimized agar by all the methods was compared and evaluated.</p> <p>Extracted carrageenan using ultrasonication, microwave, and ultrasound microwave-assisted extraction methods optimized by RSM.</p> <p>The quality analysis of the optimized carrageenan by all the methods was compared and evaluated.</p> <p>Bioactive properties of the sargassum extracts such as anti-cancer, anti-microbial, anti-oxidant properties were analyzed.</p> <p>The soap and cream storage studies were examined.</p> <p>Completed part-B on 21.09.2023.</p>				
24	Mrs. DeepthiAnde (ID No. U-19-TN-03-002-D-F-005)	2019-20	Ph.D.	A critical analysis on the Attitude of shrimp farmers towards private extension services in Andhra Pradesh	Thesis was submitted on 30.09.2022.
	Awaiting for viva-voce				
25	Mr.T.Iyyappan (U-18-03-002-M-F-022)	2020-21	Ph.D.	Achievement motivation and attitude of ornamental fish	Pre-thesis seminar presented and thesis submitted

				entrepreneurs towards market-led extension in Tamil Nadu	
26	Ms.N.K.Sonanla (U-18-TN-03-002-M-F-025)	2020-21	Ph.D.	Development of strategies towards consumer focused marketing of fish and fishery products in Manipur	Corrected the research manuscript and submitted to the Pakistan Journal of Zoology on 09.08.2023 Corrected Thesis chapters Corrected and submitted the Synopsis and Pre-thesis seminar PPT Attended Pre-thesis seminar on 29.08.2023; Attended Part B and submitted thesis on 19.09.2023
27	Ms. VishakaGurung (U-18-TN-03-002-M-F-024)	2020-21	Ph.D.	Impact of climate change on aquaculture and developing climate resilient strategies for improving livelihoods of fish farmers in the selected districts of West Bengal	Survey and Data analysis is in progress. Thesis writing is in progress
28	Mr. T. Ravikumar (U-18-TN-03-002-D-F-009)	2018-19	Ph.D.	Investigations on the effect of hook size, hook shape and baits on the catching efficiency and selectivity of long lines along Gulf of Mannar coast	Research manuscript on "Length-weight relationships and Fulton's condition factor (K) for 29 demersal reef fishes caught by longline" has been accepted for publication in Thalassas: An International Journal of Marine Sciences" Thesis submitted
29	Mr. Hari PradasMohale (U-17-GJ-04-004-M-F-005)	2020-21	Ph.D.	Diversity, Biology and Stock Assessment of lesser studied Penaeids genera of southeast coast of Tamil Nadu	CQE Completed Part – B –attended
30	Mr. A. Karthy (U-20-TN-03-002-D-F-005)	2020-21	Ph.D.	Utilization of under-utilized marine bivalve resources for the development of artificial fish bait suitable for long line fishing	Attended Pre-thesis seminar on 29.08.2023
31	Mrs. S. Archana (U-21-TN-03-002-	2021-22	Ph.D.	Investigations on Deep-sea fishing in	Attended Credit Seminar on 16.09.2023

	D-F-004)			selected fishing harbours of Tamil Nadu	
32	Mr. P. Sreenivasan (CIFE student)	2023-24	Ph.D.	Dry Fish Processors in Tamil Nadu: Marketing Functions and Economic Assessment	Guided the student in sampling sites selection
33	Ms.ArniSanchi G Momim (I-20-TN-03-002-M-F-012)	2023-24	Ph.D.	An analysis of the status, challenges and future prospects of aquaculture practices in selected districts of Meghalaya state: Special reference to the impact of climate change	Research proposal submitted

M.F.Sc.

1.	M.S. Shamini U-17-TN-03-003-B-F-047	2021-22	M.F.Sc.	Assessment of shellfish bycatch of trawl net fishery of the coast of Kanyakumari, South India	Thesis submitted and awaited for viva-voce
2.	A.Velmurugan, U-20-TN-03-002-M-F-003	2020-21	M.F.Sc.	Effect of pH and Temperature on the captive breeding of Indian spiny loach (<i>Lepidocephalichthys thermalis</i> , Valenciennes, 1846)	On-going
3.	P. Kishoba U-21-TN-03-002-M-F-001	2021-22	M.F.Sc.	Spawning substrate and water velocity preference of <i>Lepidocephalichthys thermalis</i> for growth and gonadal maturation in captivity	On-going
4.	Abarna, R U-17-TN-03-002-B-F-041	2021-22	M.F.Sc.	Evaluation of growth performances of banana albino lemon cichlid <i>Labidochromis caeruleus</i> (Fryer, 1956) under periphyton community rearing	On-going
5.	Vaineshwari, P U-17-TN-03-002-B-F-096	2021-22	M.F.Sc.	Assessment of Potential of Freshwater IMTA model (FIMTA) for crop diversity at Mini Reservoir of Fisheries College & Research Institute,	On-going

				Thoothukudi	
6.	Mr.RishikeshVenkatra o Kadam	2021-22	MFSc	Bioprospecting selected marine microalgae for production of Polyunsaturated fatty acid (PUFA's) from Gulf of Mannar coastal waters	
	<p>1. Effect of salinity stress on the fatty acids of <i>Cylindrotheca fusiformis</i></p> <ul style="list-style-type: none"> The fatty acid profile were altered when subjected to various salinity stress conditions. The total PUFA (Polyunsaturated fatty acids) concentration of all fatty acids detected in samples ranged from 9 % to 17 %. The PUFA was found to be reduced when exposed to salinity stress. EPA was predominant fatty acid and reduced to half compared to control. There was not a much difference between fatty acid content at 28 and 35 PSU, but 40 PSU showed variation. Fatty acids like C18:2 (9t,12t), C20:2 also does not changed significantly. By modulating phosphatidic acid, salt stress influences lipid homeostasis. It produces acetic acid as a substitute energy source for photosynthetic impairment. In SFAs there was no appreciable difference noticed. <p>2.Effect of salinity stress on the fatty acids of <i>Chlorella sp.</i></p> <ul style="list-style-type: none"> The variation in the fatty acids was observed when subjected to different salinity levels. The rise in fatty acids such as palmitic acid (C16:1) at 35 PSU, oleic acid (C18:1) and linoleic acid (C18:2) at 28 PSU, was seen when compared to the control (30 PSU). The dry weight biomass was found to be lowered when exposed to salinity stress. The SFA (Saturated Fatty Acids) was raised but PUFA lowered in stress conditions. <p>Thesis submitted on 25.09.2023.</p>				
7.	Narsale Swapnil Ananda U-17-MH-03-002-B-F- 023	2021-22	M.F.Sc	Virulence and Antimicrobial Resistance genes in <i>Vibrio</i> <i>parahaemolyticus</i> from shrimp farms of selected districts of Tamil Nadu in relation to Acute hepatopancreatic necrosis disease (AHPND)	Detailed below
	<ul style="list-style-type: none"> All confirmed 32 <i>V.parahaemolyticus</i> isolates were screened for AMR genes such as Tetracycline(<i>tetA</i>) and Aminoglycosides(<i>aac3</i>), Streptomycin (<i>strB</i>), βta lactam (<i>bla_{SHV}</i>), Aminoglycosides (<i>aac3</i>), quinolones (<i>gyrA</i>), and chloramphenicol (<i>catA1</i>) by PCR, and results were recorded. Review of Literature regards Virulence and Antimicrobial Resistance genes in <i>Vibrio</i> 				

	<p><i>parahaemolyticus</i> from shrimp farms of selected districts of Tamil Nadu in relation to AHPND had been written.</p> <ul style="list-style-type: none"> • Manuscript had been prepared from the research work • Pre-thesis completed on 14.09.2023 • Thesis Submitted on 25.09.2023 				
8.	P.Kaviyarasu U-17-TN-03-003-B-F-024	2021-22	M.F.Sc.	Assessment of immunostimulatory potential of seaweed extract against Tilapia Lake virus	Detailed below
	<ul style="list-style-type: none"> • Completed experiment study with seaweed extracts followed by virus challenge. • Mortality pattern of the challenge study was recorded. • Blood samples were also collected from experimentally challenged fish at different time points and analyzed the hematological and immunological parameters. • Tissue samples were collected from dead fish to confirm the causative agent for mortality through cell culture and PCR. Tissue samples were collected at different time points to analyze the immune gene expression • Statistical analysis of haematological parameters were carried out. • Preparatory work for gene expression has been carried out. • Analyzed expression profile of immune gene against TiLV in Tilapia fed diet containing seaweed extracts. • Statistical analysis of expression profile of immune gene were carried out. • Thesis writing has been carried out. • Prethesis presentation completed on 14.09.2023 				
9.	M. M. Priyadharshini U-17-TN-03-003-B-F-039	2021-22	M.F.Sc	Assessment of infectivity and immune gene expression in cultivable freshwater fishes challenged with <i>Rhabdovirus</i>	
	<ul style="list-style-type: none"> • Fish samples collected from Erode and Thoothukudi district were screened for the presence of rhabdovirus using cell culture and RT PCR techniques. • For the gene expression study, snakehead fish were administered intraperitoneally with Rhabdovirus. • Sampling was done at 6, 12, 24 and 48 hrs post-infection of Rhabdovirus for analyzing the immune gene expression profile in spleen and kidney tissues. • Blood samples were also collected from experimentally challenged fish (Snakehead) at the same time points and analyzed the hematological and immunological parameters. • Fish samples collected from the Trichy district were screened for the presence of rhabdovirus using cell culture and RT PCR techniques. • Loach fishes were administered with Rhabdovirus by immersion method to analyse the pathogenicity. • For the gene expression study, Real-time PCR was performed to analyze the expression profile of immune gene such as IRF-7, IL-8 and IL-12 in snakehead challenged with Rhabdovirus. • Statistical analysis of expression profile of immune gene were carried out. <p>Prethesis presentation completed on 14.09.2023</p>				
	Department of Fishing Technology and Fisheries Engineering				
10.	Sundareswari D	2021-22	M.F.Sc	Investigations on the small	Detailed

	U-21-TN-03-002-M-F-007			meshed gill net fishery and gill net selectivity of flying fishes caught along Nagapattinam coast	below
	<ul style="list-style-type: none"> Selectivity studies for three flying fish species from Nagapattinam coast were completed Introduction, Review of literature and material and methods of the MFSc thesis were completed Presented pre thesis seminar on 1.09.2023 				
11.	Hariharan.T U-21-TN-03-002-M-F-004	2021-22	M.F.Sc	Comparative evaluation of quality characteristics of pond and biofloc with pond reared tilapia	Thesis submitted on 25.09.2023
12.	Ms.P. Vaineshwari (U-17-TN-03-002-B-F-096)	2021-22	M.F.Sc	Assessment of potential of freshwater IMTA model (FIMTA) for crop diversity at mini reservoir of FC&RI, Thoothukudi	-
13.	Ms.P.N.Aishwarya (ID. No. U-18-TN-03-005-B-F-002)	2022-23	M.F. Sc	A study on Public-Private Partnership ventures in Fisheries sector of Tamil Nadu	Revised research proposal submitted
14.	Ms.S.Vivitha (ID. No. U-18-TN-03-002-B-F-059)	2022-23	M.F.Sc	Assessment of knowledge, attitude and perception of fishermen on marine fisheries management and conservation in selected coastal districts of Tamil Nadu	Revised research proposal submitted
15.	Ms. Swathi, S. (ID. No. U-18-TN-03-002-B-F-050)	2022-23	M.F.Sc	An analysis on the prospects, issues and challenges of deep sea fishermen in Kanyakumari district, Tamil Nadu	Research proposal prepared and submitted. The proposal has been approved.
16.	Ms. Swati Kachhap (U-18-TN-03-002-M-F-025)	2021-22	M.F.Sc.	Impact of fisheries schemes on socio-economic status of fishers' livelihood in selected districts of Jharkhand	Detailed below
	<ul style="list-style-type: none"> Research paper correction was carried out and submitted the same to the Pakistan Journal of Zoology Corrected thesis chapters Corrected the synopsis and submitted the same to ETC on 11.09.2023 Corrected the PPT for Pre-Thesis Seminar Attended Pre-Thesis Seminar on 14.09.2023 				

	<ul style="list-style-type: none"> As per the remarks of Pre-Thesis seminar, action taken report was submitted to ETC on 27.09.2023 Conducted Part B and submitted thesis on 25.09.2023 				
17.	Ms. Jaya Prabha S (I-22-TN-03-002-MF-004)	2022-23	M.F. Sc	Gender impact assessment and entrepreneurship development among the fish workers in Cuddalore and Mayiladuthurai districts of Tamil Nadu	
18.	Mr. Thayala Arjun G. (U-22-TN-03-002-MF-003)	2022-23	M.F.Sc.	Assessment of Labour Productivity and Livelihood Capitals of Maritime Labours in Ramanathapuram and Thoothukudi Districts of Tamil Nadu	

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl. No.	Name of the Research Scholar and ID.No. of the scholar	Batch	Degree	Title of Research	Research findings and status
1	Mahalakshmi.S U-21-TN-03-003-M-F-003 Fourth Semester 2021-2022 batch	2021-2022	M.F.Sc	Studies on the effect of biofloc on growth performance, coloration and disease resistance in the peacock cichlid <i>Aulonocara sp</i> (Regan, 1922)	Thesis submitted on 22.09.2023
2	M.Kavitha Fourth Semester 2021-2022 batch	2021-2022	M.F.Sc	Effect of Biofloc on the growth, survival and colour enhancement in larval rearing of Koi carp at different stocking densities.	Thesis submitted on 22.09.2023
3	S.Harini Fourth Semester 2021-2022 batch	2021-2022	M.F.Sc	Evaluation of <i>Terminalia catappa</i> leaves extract as an rearing medium for breeding and larviculture in silver zebra angel fish (<i>Pterophyllum scalare</i>)	Thesis submitted on 22.09.2023
4	S.Dhinakaran U-21-TN-03-003-MF-001	2021-2022	M.F.Sc	Effects of Black soldier fly supplementation on feed intake, growth and meat quality of Climbing perch (<i>Anabas testudineus bloch</i> , 1792)	Thesis submitted on 22.09.2023
5	Priyatharshni.A U-20-TN-03-003-D-F-003	2020-2021	Ph.D.	Studies on seaweed supplemented diets on growth performance, digestibility,	Thesis submitted on 22.09.2023

	DOR 11.07.2022 Fourth semester			immune and stress responses in GIFT (<i>Oreochromis niloticus</i>)	
6	A.Jackquelin wino I.D.No. U-18-TN-03-003-M-F-002 DOR 11.07.2022 Fourth semester	2018-2019	Ph.D.	Effect of dietary supplementation of biofloc powder on growth, digestive enzyme activity and disease resistance of <i>Penaeus vannamei</i> in Recirculatory Aquaculture System (RAS)	Thesis was submitted on 22.09.2023.
7	M. JOSHNA U-19-TN-03-003-M-F-001 (AQC) Third Semester	2019-2020	Ph.D.	Studies on the polyculture of GIFT- <i>Penaeus vannamei</i> in raceway and lined pond using biofloc technology.	Thesis submitted on 22.09.2023
8	Srinath U-21-TN-03-003-M-F-005	2021-2022	M.F.Sc	Surveillance and screening of bacterial and viral diseases in ornamental fishes of Kolathur, Tamil Nadu and development of diseases treatment protocols.	Thesis submitted on 24.11.2023
9	Lisha Krishnan U-21-TN-03-003-M-F-004	2021-2022	M.F.Sc	Isolation, identification and characterization of probiotic bacteria from biofloc fish culture system and their role in the disease resistance and immunity in <i>Etroplus suratensis</i>	<ul style="list-style-type: none"> • Prethesis preparation and presentation was made. • Thesis writing and completion
10	Manimozhi. E U-18-MH-01-001-M-F-001		Ph.D	Metagenomic analysis of gut microbiome in pearl spot, <i>Etroplus suratensis</i> fed with probiotic and its dynamics during challenge with a bacterial pathogen.	<p>Probiotic-in-vitro characterization.</p> <p>Challenge trial in Nile tilapia with Weissella sp.</p> <p>Analysis of blood parameters, sample fixation.</p>
11	Pon Srinivasan U-21-TN-03-003-D-F-001	2021-2022	Ph.D	Development and standardization of rapid diagnostics kits for detection of Tilapia Lake Virus (TiLV) infecting Tilapia.	Bacterial revival and antibiotic sensitivity test for <i>Aeromonas veronii</i> .
12	Ashik ahamed U-17-TN-03-003-B-F-001	2017-2018	M.F.Sc	Biomagnification of heavy metal lead, along the aquatic food chain.	Thesis will be submitted on 24.11.2023
13	P. Gobi U-21-TN-03-003-M-F-006	2021-2022	M.F.Sc	Study on effect of phytohormones and nitrogen limitation of growth and nutrients profile of <i>Nanochloropsis</i> .	Thesis will be submitted on 24.11.2023

14	C. Rajeshwari U-19-TN-03-003-D-F-001	2019-2020	Ph.D	An evaluation of fish waste and seaweed liquid as an Organic combo for micro algal cultivation and carbon sequestration.	Thesis submitted on 22.09.2023
15	Ms. K. Sinduja U-17-MH-01-001-M-F-089	2017-2018	Ph.D	Biosuccession of planktonic and benthic communities in Artificial reef structure at coastal region of Pulicat.	Temporary discontinuance
16	Mangaiyarkarasi U-21-TN-03-003-M-F-008	2021-2022	M.F.Sc	Development of bio-nanocomposite film from gelatin/cellulose blend reinforced with ZnO.	Thesis will be submitted on 24.11.2023
17	Mr. G.Elavarasan U-21-TN-03-003-M-F-007	2021-2022	M.F.Sc	Development of bio-nanocomposite film from gelatin/cellulose blend reinforced with ZnO.	Thesis will be submitted on 24.11.2023

(iii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl.No.	Name of the Research Scholar and ID.No. of the scholar	Batch	Degree	Title of Research	Research findings and status
1	Mr. V. Ranjith Kumar U-21-TN-03-003-M-F-010 (FRM)	2021-22	M.F.Sc.	Reproductive biology and stock assessment of selected species of lutjanids from Nagapattinam region	<ul style="list-style-type: none"> • 1Length weight data collected • Fish samples collected and observed reproductive biology • Collected catch and boat details • Preparation of research paper is in progress Semester extension letter submitted to the Dean i/c, Dr.MGR FCRI, Ponneri
2.	Mr.A. Kanishkar U-17-TN-03-003-B-F-017 (FRM)	2021-22	M.F.Sc.	A comparative study on fish community of Muthupet and Karankadu estuaries of Palk Bay,Tamil Nadu.	<ul style="list-style-type: none"> • Semester extension letter submitted to the Dean i/c, Dr.MGR FCRI, Ponneri.

(iv) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	Name of the Research Scholar and ID.No. of the scholar	Batch	Degree	Title of Research	Research findings and status
1.	Ms. Rabika.R I-21-TN-03-007-M-F-002 Chairman – Dr. Ambika Binesh	2021- 22	M.F.Sc	Cardio protective effect of the Seaweed <i>Kappaphycusalvarezii</i> : Attenuation of inflammatory mediators	Pursuing-to be submitted by the end of September 2023
2.	Ms. A. Jayasurya U-21-TN-03-007-M-F-001 (FBT) Chairman: Dr.S.Prakash	2021-2022	M.F.Sc	Biofabrication of Zinc (Zn), and Manganese (Mn) nanoparticles from seagrass species: Toxicity evaluation, growth enhancement and immune	Pursuing

				gene expression in <i>Penaeus vannamei</i>	
3.	Mrs.R.Ramya U-20-TN-03-007-D-F-003 Chairman: Dr.S.A.Shanmugam	2020-21	Ph.d	Enhancement of PUFA and identification of bioactive compounds in the selected marine microalgae	Pursuing
4.	Mr. Modi Kiran Piyshbhai U-18-TN-03-007-M-F-001 Chairman: Dr. V. Kaliyamurthi	2021- 22	Ph.d	Investigation of cardioprotective effects of multi-targeting compounds in lipopolysaccharide stimulated zebrafish model via Notch signalling pathway.	Pursuing
5.	Mrs. Sonalishmita Mahapatra U-18-TN-03-007-M-F-003 (FBT) Chairman: Dr.S.Prakash	2021-22	Ph.d	Effect of Ulvan mediated mono, and bimetallic Silver, Zinc and Selenium nanoparticles on growth and immune gene expression in <i>Channa striata</i> (Bloch, 1793)	Pursuing
6.	Mr. Rahul Jaiswal Ramsree U-18-TN-03-007-M-F-008 Chairwoman: Dr.A.Uma	2021-22	Ph.d	Assessing the toxic effects, haemato- biochemical, histopathological responses and gene expression in aquatic models exposed to microplastics	Pursuing
7.	Mrs. Jemila Thangarani U-19-0-TN-03-007-D-F-002 Chairman: Dr. N. Felix	2019-2020	Ph.d	Effects of dietary selenium sources on the growth, antioxidant activity and fillet quality of Nile Tilapia, <i>Oreochromis niloticus</i> and Pangasius catfish, <i>Pangasius pangasius</i>	Pursuing
8.	M. Balaganesan U-20-TN-03-007-D-F-001 Chairman: Dr.S.A.Shanmugam	2020-2021	Ph.d	Species specific molecular signatures and evolutionary status of the fishes of Thamirabarani riverine system for Conservation and management	Pursuing

(v) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Name of the Research Scholar and ID.No. of the scholar	Batch	Degree	Title of Research	Research findings and status
1.	K. Manikandan	2020-21	Ph.D.	Development of Recirculatory Aquaculture System (RAS) specific feed	Completed all feeding trials. Analysis is going on.

				for Asian seabass, <i>Lates calcarifer</i> (Bloch, 1790)	
2.	G. Satish Kumar	2021-22	Ph.D.	Optimizing formulated diet for striped murret <i>Channa striata</i> through physiological and molecular approaches	Analysis is going on. Manuscript writing.
3.	K. Rajalashmi	2021-22	Ph.D.	Novel Aquafeed formulations using sustainable ingredients for pacific white shrimp <i>P. vannamei</i>	Analysis is going on. Manuscript writing.
4.	C. Sathishkumar	2021-22	M.F.Sc.	Effect of dietary nano-conjugated fucoidan (NCF) based nutraceutical on growth and health performances of <i>P. vannamei</i>	<ul style="list-style-type: none"> Completed thesis seminar presentation. Submitted thesis.
5.	G. Sanjay	2021-22	M.F.Sc.	Evaluation of dietary Bile acid and Lysophospholipid for efficient lipid utilization of <i>Lates calcarifer</i> reared in Recirculating Aquaculture System (RAS)	<ul style="list-style-type: none"> Completed thesis seminar presentation. Submitted thesis.

(vi) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

Sl.No.	Name of the Research Scholar and ID.No. of the scholar	Batch	Degree	Title of Research	Research findings and status
1.	Veeramani and U-18-TN-03-005-B-F-030	2022-23	M.F.Sc.	Investigation on the fishing gears used for Octopus fishery along the Palk Bay region of the Ramanathapuram District	

14.Citation index of faculty members and impact factor

(i) Fisheries college & Research Institute, Thoothukudi

Sl. No.	Name of the faculty	h-index	i10 - index	Citations (past 5 years)	Citations (overall)	Research Gate score
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1	Dr.S.Athithan	6	3	--	68	88.10
2	Dr. C. Judith Betsy	6	2	--	98	-
3	Mr.A. AnixVivekSanthiya	3	3	--	80	-
4	Dr.P.Padmavathy	12	13	--	569	129.2
5	Dr.V.Rani	7	6	--	245	7.63
6	Dr.D.Manimekalai	4	1	--	27	48.4
7	Dr. A. Juliet Selvarani	3	1	--	39	--
8	Dr.N.V.Sujathkumar	2	10	16	15	--
9	Dr. V.Senthilkumar	2	1	45	38	12.8
10	Dr. T. Umamaheswari	4	0	41	41	83.1
11	Dr. B. Manikandan	2	--	5	5	12.1
12	Ms. V. Gomathy	--	--	--	--	7.4
13	Dr. N. Jayakumar	8	5	--	197	417.3
14	Mr. R. Durairaja	3	0	--	19	38
15	Mr. C. Sudhan	6	5	--	122	353.8
16	Dr. B. Chrisolite	7	3	--	156	159.0
17	Dr. P. Sivasankar	4	3	--	90	58.7
18	Dr. P. Ganesan	4	2	65	67	45
19	Mr. M.Muruganantham	2	-	5	8	12.2
20	Dr.B. Sivaraman	11	12	277	291	22.86
21	Dr. R. Shalini	12	14	471	496	18.09
22	Dr. F. Parthiban	5	3	57	69	76.1
23	Dr. U. Arisekar	12	13	448	451	251.9
24	Dr.N.Neethiselvan	8	5	733	733	5.18
25	Th. T. Ravikumar	4	2	47	69	7.19
26	Th. S. Mariappan	3	0	15	15	1.70

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Name of the Faculty	h-index	i10 index	Citations (past 5 years)	Citations (overall)
Dr. Cheryl Antony	5	1	95	100
Dr. S. Selvaraj	19	23	561	879
Dr. V. Ezhilarasi	1	0	3	3
Dr. Mahadevi	2	0	11	11
Dr. M. Menaga	5	2	124	126
Mr. P. Pavinkumar	4	2	38	46

Mr. K. Karuppasamy	3	-	41	41
Dr.A.Uma	13	19	423	677
Dr. S. Saravanan	3	0	23	24
Dr. D. Kaviarasu	2	1	17	23
Dr. D. Manikandavelu	4	-	9	44
Mrs.S. Aruna	3	-	12	16
Mrs.B.R.Sona	1	-	3	3
Mrs. Nimish Mol Stephen	6	5	422	648
Dr. N. Muralidharan	15	19	723	1018
Dr. K. Masilan	5	3	81	81
Mr.R.Velmurugan	4	-	24	25
Mr.D.Arun Jenish	1	-	3	3
Mrs. S. Agnes Daney Angela	1	-	3	4
Dr. Lloyd Chrispin	5	3	89	97
Dr.L.Surulivel	-	-	2	-

(iii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl. No.	Name of the staff and Designation	h-index	i10 index	Citations (past 5 years)	Citations (overall)	Research Gate Score
1.	Dr. S. Balasundari Dean	5	4	55	90	NA
2.	Dr. J. Jaculine Pereira Assistant Professor and Head	3	0	20	25	NA
3.	Dr.S. Santhoshkumar Assistant Professor & Head	4	3	47	55	NA
4.	Dr. V. Alamelu Assistant Professor & Head	4	3	47	47	NA
5.	Mrs. Vimaladevi Assistant Professor	1	1	10	16	NA
6.	Mr. V. Vijayarahavan Assistant Professor	2	0	11	11	NA
7.	Dr. A. Subburaj Assistant Professor	5	5	99	115	NA
8.	Dr.P. Elakkanai Assistant Professor	2	1	31	31	NA
9.	Mrs. M. Muthu Abishag Assistant Professor	2	0	58	58	NA
10.	Dr. S. Deepika Assistant Professor	2	0	9	9	NA
11.	Mr.V.Durai Assistant Professor	2	1	34	44	NA
12.	Mr. P. Yuvarajan Assistant Professor	3	0	25	25	NA
13.	Mr. S. Kesavan Assistant Professor	2	2	48	48	NA
14.	Mrs. S.J Abisha Juliet Mary Assistant Professor	1	0	3	3	NA
15.	Dr.A. Brita Nicy Assistant Professor	3	1	31	34	NA
16.	Mr. M. Mohammed	4	1	48	60	NA

	Faizullah Assistant Professor(C)					
17.	Dr. M. Petchimuthu Assistant Professor (C)	3	1	25	25	NA
18.	Dr. R. Palani Assistant Professor (C)	2	1	18	18	NA
19.	Mr. P. Praveenkumar Assistant Professor (C)	1	0	4	4	NA
20.	Ms. G. Ferolin Jessina Assistant Professor (C)	-	-	-	-	NA

(iv) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	Name of the faculty	h-index	i10 - index	Citations (Present)	Research Gate score
1.	Dr. E. Suresh	7	6	127	-
2.	Dr. V. Kaliyamurthi	10	10	1128	-
3.	Tmt.A.Jemila Thangarani	6	1	79	-
4.	Dr. Ambika Binesh	5	5	142	-
5.	Dr. S. Prakash	17	26	1218	-
6.	Dr. Amit Ranjan	11	11	322	-
7.	Dr. Deepak Agarwal	9	6	180	-

(v) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	Name of the faculty	h-index	i10 - index	Citations (Present)	Research Gate score
1.	Dr. Usha Antony	26	36	2425	-
2.	Dr. R. Brimasureeswaran	11	9	415	14.3
3.	Dr. K. Hema	2	-	12	20.2
4.	Mr. D. Lakshmikanth	-	-	-	-
5.	Dr. G. Rajalakshmi	-	-	-	7.6
6.	Er. V. Velukumar	3	-	19	26.4
7.	Dr. S. Vishnu Priya	-	-	-	-
8.	Er. M. RoshiniDeepika	-	-	-	-

(vi) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Name of the faculty	h-index	i10 - index	Citations (Present)	Research Gate score
1.	Dr. P. Chidambaram	2	2	163	2
2.	Dr. Mir Ishfaq Nazir	9	9	295	22
3.	Dr. E. Prabu	9	7	374	8
4.	Dr. K. Abarna	2	1	127	9.5
5.	Ms. K. Krishnaveni	1	-	12	0.8

(vii) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

Sl.No.	Name of the faculty	h-index	i10 - index	Citations (Present)	Research Gate score
1.	M.Kalaarasan	4	-	38	5.15
2.	Dr.L. Vinothkumar	4	3	42	15
3.	Dr.D.Vignesh	5	3	76	15
4.	Dr.A.Sarojini	-	-	-	-
5.	Mr.M.Manivannan	-	-	-	-

15.Honors / Awards to the faculty: National and International: 3 Nos.

(i) Fisheries college & Research Institute, Thoothukudi

Sl. No.	Name	Honors/Awards	National / International
1.	Dr. S.Athithan, Professor & Head	Incredible Academician of world	National (Incredible Academicians & Researchers of the World)
 <p>10/07/2023 INDIA RWIN/23466</p> <p>RECORD OWNER PRESENTS INCREDIBLE ACADEMICIANS & RESEARCHERS OF WORLD-23</p> <p>INCREDIBLE ACADEMICIAN OF WORLD DR. S.ATHITHAN Professor and Head, Aquaculture (DAQ) Fisheries College & Research Institute (FC&RI) Tamil Nadu Dr.J.Jayalalithaa Fisheries University, Tamil Nadu WWW.RECORDOWNER.COM HOME OF WORLD RECORDS</p>			
	Dr. S.Athithan, Professor & Head DIAQ, TNJFU-FCRI, Thoothukudi	International Distinguished Teacher Award 2023	National (Recognition of the Consistent Superior Performer in Teaching on the occasion of Teachers' Day 2023)
 			
2.	C. Sudhan , Assistant Professor, DFBRM, FCRI, Thoothukudi	Second Prize – Photography & Videography contest Certificate with Trophy	International Photography & Videography contest as a part of International Symposium on "Advances in Coastal Research With Special Reference to

		Indo-Pacific, AdCoRE, IP"
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(ii) College of Fish Nutrition and Food Technology, Madhavaram

Name of the faculty	Honors/Awards	National / International
Ms. Gayathri, Lab Technician (CL)	Best Paper Award 2023 Paper Presentation on "Formulation and Development of a Low Fat Cake Mix"	National Seminar on Nutritional and Nutraceutical Properties of Millets organised by Queen Mary's College (15.09.2023)

16. Internal resources generated :

(i) Fisheries college & Research Institute, Thoothukudi

Sl. No.	Internal resources generated	Amount (Rs.)
1	Tuition Fees	587000
2	Exam Fees	574000
3	Sale of Inputs	0
4	Samples Testing	0
5	Training	9400
6	Building Rent	0
7	Sale of Tender	1062
8	Library Outcomes (Book fine)	9011
9	Other Fees	0
10	Vehicle Hire Charges	9653
11	Lab Services	19700
12	Training & Bench Fees	110000
Total		1319826

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No.	Internal resources generated	Amount in Rs.
1	Tuition fees	737350
2	Exam fees	714550
3	Farm receipt	7788
4	Library out come	10143
5	Other fees	6661
6	Vehicle hiring charges	3800
7	Building rent	73960
8	Water charges	2650
Total		15,56,902

(iii) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	Internal resources generated	Amount in Rs.
1	Revenue generated through analysis of sample from wetlab	9825

(vi) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Internal resources generated	Amount in Rs.
1	Revenue generated in this quarter	22000

17.Details of departments getting assistance / recognition under SAP, COSIST (ASSIST)/DST, FIST, ICAR-NAE / CoE and other programmes

(i) Fisheries college & Research Institute, Thoothukudi

Name of the college	Assistance / recognition under SAP, COSIST (ASSIST)/DST, FIST, ICAR-NAE / CoE and other programmes	Amount	Remarks
Fisheries College and Research Institute, Thoothukudi	ICAR DG 2023-24	--	--

18.Community services

(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Name & address of Community services	Contact No.	Details of Services	Remarks
Mr.K.Karuppasamy, Assistant Professor and NSS Program Officer	8825634995	<u>Tree Saplings plantation (14.08.2023)</u> The students of Dr. M.G.R. Fisheries College and Research Institute, Ponneri participated in the tree sapling plantation as a part of 77 th Independence Day which was organized by the college under the theme of "Meri Maati Mera Desh" at Devampattu village, Ponneri. Totally, 75 tree saplings were planted in different places in the village with the help of Th. Ravi, Devampattu and 1 st B.F.Sc Students. The program was coordinated by Mr. K. Karuppasamy, NSS program officer & Asst. Professor, Dr.MGR FC & RI, Ponneri.	--

(ii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Name & address of Community services	Contact No.	Details of Services	Remarks
Mr. T. Elangovan Nannilam, Thiruvavur	7397668533	Provided technical advice on how to overcome the production losses and following best management practices in the culture unit	-
Mr. Srinivasan	-	Provided technical advice to prepare fish curry and fish biriyani in retort	-
Mr.Muniyayyan	-	Provided technical advice to	-

		prepare Value added products	
Mr.Jeyabal	-	Provided technical advice to prepare Value added products	-
Mr.Udayakumar	-	Provided technical advice to prepare Value added products	
Sundareswaran. R Madurai	9894520519	Requested guidance for submitting a project proposal for a funding agency on "slurry ice-fish processing plant".	-

(iii) College of Fish Nutrition and Food Technology, Madhavaram

Name & address of Community services	Contact No.	Details of Services	Remarks
Students Volunteers of Eco club & Nizhal Foundation Team, Madhavaram	Dr. K. Hema 8754297471	Watering and maintaining of plants and trees at Madhavaram Urban Forest every week	-

19. Teachers and officers newly recruited :

(i) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl. No.	College	Name of the Teachers	Name of the Officers	Recruited Date
1.	Dr.M.G.R FCRI, Thalainayeru	Dr. A. Brita Nicy	-	22.09.2023

(ii) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	College	Name of the Teachers	Name of the Officers	Recruited Date
1.	DIVA, Muttukadu	Dr. Abarna	-	18.08.2023

20. Teaching – Non-teaching staff ratio

(i) Fisheries college & Research Institute, Thoothukudi

Sl. No.	College	Teaching – Non-teaching staff ratio (E.g. 10:50)
1.	FC&RI, Thoothukudi	43:113

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl. No.	College	Teaching – Non-teaching staff ratio (E.g. 10:50)
1.	Dr. M.G.R. FC&RI, Ponneri	Teaching 31:24

(iii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl.No.	College	Teaching – Non-teaching staff ratio (E.g. 10:50)
1	Dr. MGR FCRI, Thalainayeru	24 : 55

(iv) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	College	Teaching – Non-teaching staff ratio (E.g. 10:50)
1	IFPGS, Vaniyanchavadi	16:30

(v) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	College	Teaching – Non-teaching staff ratio (E.g. 10:50)
1.	College of Fish Nutrition and Food Technology, MMC, Chennai	8 : 16

(vi) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	College	Teaching – Non- teaching staff ratio (E.g. 10:50)
1.	DIVA, Muttukadu	5:12

(vii) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

Sl.No.	College	Teaching – Non-teaching staff ratio (Eg. 10:50)
1.	PPIFT, Ramanathapuram	5:7
2.	PPIFT, Madhavaram	6:5

21.Improvements in the library services**(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri**

Sl. No.	Improvements in the library services
1	To conduct the mock tests for competitive examinations (UPSC, Railway Exam, ICAR etc.,) in offline mode in the end of every month. It will start from the October.

(ii) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	Improvements in the library services
1	12 new books have been added to the library for the benefit of B.Tech. (Biotechnology) students.

(iii) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	Improvements in the library services
1.	Instructed the student to use CeRA website for study purpose
2.	Purchase of Newspaper English and Tamil to improve the general knowledge and English Language skills of students
3.	Plan to buy a new books for the year 2023 -2024

(iv) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Improvements in the library services
1.	Few magazines were made available to students in the library.
2.	Few e-Books were added in two desktops of library for students.

22.New books/journals subscribed and their value : Nil

Sl.No.	Name of New books/journals subscribed	Quantity	Value (Rs.)
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23.Courses in which students assessment of teachers is introduced and the action taken on student feedback :

(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No.	Name of the course	Action taken
1.	FS 301, FS 310 (10 courses)	Feedback for III semester courses were submitted on 28.09.2023

(ii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl.No	Name of the course	Action taken
V Semester (2020-21 Batch)		
1	FS-301Finfish Hatchery Management	Feedback was collected and analyzed.
2	FS-302Introduction to Biotechnology and Bioinformatics	
3	FS-303Pharmacology	
4	FS-304Fish Toxicology	
5	FS-305Fish Population Dynamics and Stock Assessment	
6	FS-306Fish By-product and Waste Utilization	
7	FS-307 Microbiology of Fish and Fishery Products	
8	FS-308Aquaculture Engineering	
9	FS-309Fishing Craft Technology	

(iii) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	Name of the course	Action taken
1.	B.Tech.(Biotechnology) all courses	All the course teachers of B.Tech. (Biotechnology) degree program were evaluated through the online portal for feedback. Suitable instructions were given to those course teachers whom have been rated poor, to assess the reasons and correct them. Faculty members were asked to conduct Mentor-Mentee meeting often to sort out the learning difficulties of students if any.

(iv) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	Name of the course	Action taken
1.	All M.F.Sc. & Ph.D courses of IFPGS.	All the course teachers of M.F.Sc and Ph.d degree program were evaluated through the online portal for feedback. Suitable instructions were given to those course teachers whom have been rated poor, to assess the reasons and correct them.

Overall performance		Feedbacks (in %)		
		Semester I	Semester II	Semester III
1	Excellent	43.11	28.7	51.6
2	Very Good	33.57	23.98	41.9
3	Good	12.71	34.39	6.45
4	Average	9.89	12.90	-
5	Poor	0.71	-	-

(v) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	Name of the course	Action taken
1.	B.Tech.(Food Technology) all courses	<ul style="list-style-type: none"> To arrange Industrial Visit for each course Faculty to use ICT tools while teaching To conduct quiz / test after the completion of each unit in the course. Instructed to assign short seminar/presentations to the students.

(vi) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Name of the course	Action taken
1.	All courses of II, IV and VI semester of B.Voc (IA)	Action was taken for use of ICT tools like modern teaching aids, smart boards, handouts, power point presentation, web-resources, etc. which was the highlight of feedback assessment.

(vii) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

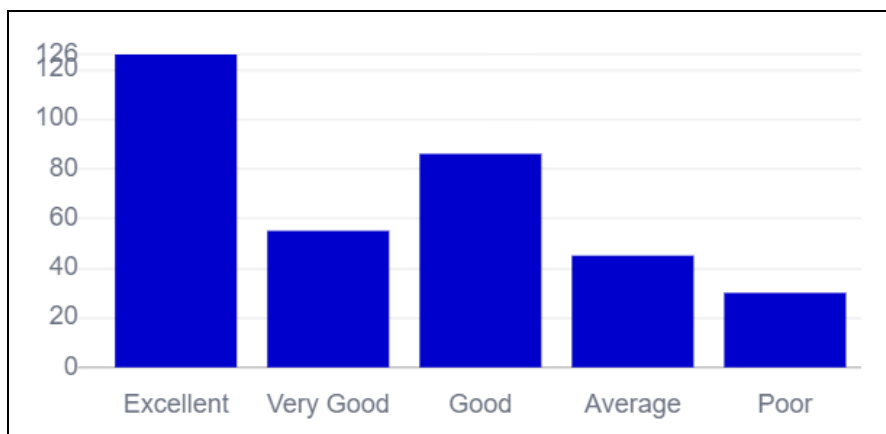
Sl.No.	Name of the course		Action taken
1.	VFT 121	Marine Meteorology	Based on the student's feedback, the entire syllabus was covered for all the courses under the II semester (2022-23)
2.	VFT 122	Aptitude and Logical Reasoning	
3.	VFT 123	Basic vessel operation	
4.	VFT 124	Survival at Sea	
5.	VFT 125	Deck Equipment	
6.	VFT 126	Ship stability	
7.	VFT 127	Marine Electronics	
8.	VFT 128	Practical Navigation	

Sl.No.	Name of the course		Action taken
1.	VFT 221	Marine Fisheries	Based on the student's feedback, the entire syllabus was covered for all the courses under the IV semester (2021-22)
2.	VFT 222	Marine Vocabulary and Terms	
3.	VFT 223	Fisheries Economic and Statistics	
4.	VFT 224	Disaster Management	

5.	VFT 225	Navigational Watch Keeping	
6.	VFT 226	Rope works	
7.	VFT 227	Fish Processing Machinery	
8.	VFT 228	Advanced Navigation and Seamanship	

24.Feedback from stakeholders:

Feedback from stakeholders



25.Unit cost of education

(i) Fisheries college & Research Institute, Thoothukudi

Sl. No.	Unit cost of education per semester	Amount in (Rs.)
1.	Cost for the semester per student – FC&RI	108525
2.	Cost for the semester per student - CFNT	Nil
Sl. No	Particulars	Amount
1.	Cost of Personnel	23968078
2.	Recurring	6202005
	TOTAL	30170083
3.	No. of Students including UG, PG & Ph.D	278
The unit cost of education for the three months (July 2023 to Sep 2023) per student		108525

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No.	Particulars	Amount Rs.
1.	Cost of Personnel	1,51,57,708
2.	Recurring	7,84,074
	Total	1,59,41,782
3.	No. of students	266
4.	Sl. No. 3 /4 (3 months)	59,931
The unit cost of education for the three months (July 2023 to Sep 2023) per student		1,59,41,782

(iii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl.No.	Unit cost of education per semester	Amount in (Rs.)
1	Rs. 1966 / Month / Student	Rs. 11,20,619 for 3 months for 190 students

(iv) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	Unit cost of education per semester	Amount in (Rs.)
1	B.Tech. (Biotechnology) Program	Rs.13,265/-

(v) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	Unit cost of education per semester	Amount in (Rs.)
	Rs. 29710 per student	

(vi) College of Fish Nutrition and Food Technology, Madhavaram

S. No.	Particulars	July 2023	August 2023	September 2023	Total Amount (Rs.)	Grand Total
Expenditure Details						
1.	Cost of Personnel (Teaching + Non Teaching)	440133	592182	493372	1525687	
2.	Recurring	245180	223061	196578	664819	
3.	Non Recurring	-	-	-		
4.	Total Expenditure	685313	815243	689950	2190506	2190506
Student Details		No. of Students			Total Students	
5.	II Semester	29				
6.	III Semester	42				
7.	V Semester	19				
8.	VIII Semester	28			118	118
	Unit Cost of Education = (S. No. 4 / S. No. 8)					18564

(vii) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Particulars	Amount in (Rs.)
B.Voc (IA)	Cost of Personnel	81,871
	Recurring cost	1,34,271
	Total	2,16,142
	No. of students	64
	The Unit cost of Education per quarter per student	3377.2
	The Unit cost of Education per month per student	1125.7

(viii) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

Sl.No.	Particulars	Amount
1.	Cost of Personnel	6,64,500
2.	Recurring	2,00,000
3.	Total	8,64,500

4.	No. of students	28
5.	Sl. No. 3 /4 (3 months)	30,875

26.Computerization of administration and the process of admissions and examination results, issue of certificates

(i) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl. No.	List of computerization of administrations and the process of admissions and examination results, issue of certificates made.
1.	II semester (Arrear) and III semester (Regular) report cards were distributed to the students of 2021-22 and 2020-21 on 12.07.2023.

(ii) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	List of computerization of administrations and the process of admissions and examination results, issue of certificates made
	<ul style="list-style-type: none"> • Education management system is digitalized • Office management is partially digitalized

(iii) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	List of computerizations of administrations and the process of admissions and examination results, issue of certificates made
	<ul style="list-style-type: none"> • Education management system is digitalized • Office management is partially digitalized

(iv) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	List of computerization of administrations and the process of admissions and examination results, issue of certificates made
1.	Dean discussed with the Software Engineers to install software in the system for Transfer certificate and Conduct certificate.

(vi) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	List of computerization of administrations and the process of admissions and examination results, issue of certificates made
1.	Internal mark statement uploaded in EMS portal.

27.Increase in the infrastructural facilities

(i) Fisheries college & Research Institute, Thoothukudi

Sl. No.	Increase in the infrastructural facilities	Amount (in lakhs)
1.	Established laboratory complex – DAQ	Rs. 112 lakhs
2.	Renovated the integrated farm complex under NADP scheme - DAQ	Rs. 75 lakhs

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No.	Increase in the infrastructural facilities	Amount(Rs.)
1.	Digging of borewell at Hostel	2,48,082
2.	Approach road at ARFF-Madhavaram	29,68,430
3.	Paver block work at SRLAAH-Madhavaram campus	2,15,896

(iii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl.No.	Increase in the infrastructural facilities
1	Farmers Training Centre, Incubation Centre and Marine Engineering Workshop establishment works were completed and yet to be inaugurated.

(iv) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	Increase in the infrastructural facilities
1.	Biogas plant was installed and is being used in the CFNFT Girls Hostel Mess
2.	Purchase of Incinerator –CFNFT Girls Hostel for disposal of sanitary napkins
3.	Greening Campus – Cleaning and Ploughing the land for planting trees of the College premises

(v) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Increase in the infrastructural facilities
1.	<ul style="list-style-type: none"> The Laboratory infrastructure in terms of Gel Documentation unit has been strengthened. Chemicals and Kits for evaluation of Water quality parameters and enzyme assays were procured for water quality and feed quality Labs.

28.Technology up gradation: Nil

Sl. No.	Technology up gradation	Date
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29.Computer and internet access and training to teachers, non-teaching staff and students**(i) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi**

Sl.No.	Computer & Internet access	Training to Teachers	Training to Non-Teaching Staff	Training to Students
1	Yes, Computer and Internet facilities available	All Teachers have been trained	All Non-Teaching staff are being trained with the work procedures regularly.	Training Programmes are provided to the Students.

(ii) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	Computer & Internet access	Training to Teachers	Training to Non-Teaching Staff	Training to Students
1.	37 Computers are available with Internet access	-	-	MATLAB Training have been provided to the students

30. Financial aid to students :**(i) Fisheries college & Research Institute, Thoothukudi**

Sl. No.	Name of the financial aid	Amount in (Rs.)	Year
1.	Pudhumai Penn Scholarship (Rs.1000/- per month x 6 students x 2 months)	Nil	July'23 – Sep'23
2.	TNJFU Merit Scholarship M.F.Sc. students Rs.4000/- per month & Ph.D. Students Rs.5000/- per month)	4,32,592/-	July'23 – Sep'23
3.	NTS (UG students Rs.300/- per month & PG students per month Rs. 5000/-	Nil	July'23 – Sep'23
4.	Student Ready Programme (B.F.Sc. 2019-2020 batch)	Nil	July'23 – Sep'23
5.	7.5% TN Govt. Quota	Nil	July'23 – Sep'23
6.	TN SC&ST Scholarship for one full time Ph.D.Scholar (4 students x Rs. 100000/- Per year)	Nil	July'23 – Sep'23

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No.	Name of the financial aid	Amount in (Rs.)	Year
1	Ph.D. Stipend are given to the students	23,199	2023

(iii) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	Name of the financial aid	Amount in (Rs.)	Year
1	Pudhumai Pen Scheme of Government of Tamil Nadu (C.Maria Nilani BTV 20100)	1000/- per month	2023
2	7.5% Govt. School Quota (S Sowmiya BTV 21139; B Preethi BTV 22169 and P Sathyaseelan BTV 22172)	Semester Fees upto Rs.50,000 per year	2023

(iv) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	Name of the financial aid	Amount in (Rs.)	Year
1	TNJFU Merit Scholarship	Rs.4000/- per student for M.F.Sc Rs.5000/- per student for Ph.d	2023

(v) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	Name of the financial aid	Amount in (Rs.)	Year
1.	SC / ST Scholarship	28,000/- per year (Per student)	2023 – 2024
2.	Minority Scholarship	21,000/- per year (Per student)	2023 – 2024
3.	Puthumai Penn Scheme	1,000/- per month (Per student)	2023 – 2024

(vi) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Name of the financial aid	Amount in (Rs.)	Year
1.	Most of the students are getting semester wise State government fellowships	Average of 7000/- per student	2023-2024

31.Activities and support from the Alumni Association

(i) Fisheries college & Research Institute, Thoothukudi

College	Batch	Activities	Support from Alumni Association
FCRI, Thoothukudi	General secretary	Initial registration process of the registration of the Alumni association in the name – AFCA Thoothukudi under TN registration portal Revised the file format and by-laws and included in the web portal for registration	--

(ii) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

College	Batch	Activities	Support from Alumni Association
DIVA PPIAT	2019-2020	Alumni register is being updated regularly.	--

32.Health services

(i) Fisheries college & Research Institute, Thoothukudi

Sl. No.	Name of the Health services
1	<ul style="list-style-type: none"> Dr. BanuDevanesam, MBBS, DGO, Tuticorin has been engaged as part time Medical Officer to look after the medical care of students and staffs. Doctor visits the college twice a week i.e. on Tuesday and Thursday

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No.	Name of the Health services
1.	Quotation received from the Doctor has been submitted to the Dean's office on 27.09.2023

(iii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl.No.	Name of the Health services
1.	On World Deworming Day, observed on August 17, 2023, an initiative was undertaken by distributing albendazole tablets to a total of 148 students and 16 staff members of the institute. This effort aimed at addressing parasitic worm infections, a common health concern, especially in regions with limited access to healthcare. The tablets were provided by the Primary Health Centre, Thalainayeru.

33. Performance in the sports activities

(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No.	College	Performance in sports activities	Date
1.	Dr.M.G.R. Fisheries College and Research Institute, Ponneri	Dr.M.G.R. Fisheries College and Research Institute, Ponneri has successfully conducted its sports day-2023.	03.08.2023
2.	Dr.M.G.R. Fisheries College and Research Institute, Ponneri	Students of our college have participated in 5A side open football event conducted by LA GAZON Football club at Avadi, Chennai-54. Totally 7 players from our institute participated in the event. 5 players as main players and 2 players as substitutes. The matches were knock out method. They had Blue moon FC as opponent team. They fought hard and lost the match with 3-2 point.	16.09.2023
3.	Dr.M.G.R. Fisheries College and Research Institute, Ponneri	Students of our college participated in STANLEA-2023 conducted by Government Stanley Medical College at Washermenpet, Chennai-01. Totally 9 players from our institute were participated in various events such as Basketball, Basketball 3's, Badminton and Athletics.	from 20.09.2023 to 22.09.2023

34. Student achievements and awards :

(i) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	Student Name	Batch	Achievements and Awards	Date
1	Jason Prasangi Paul	2020-2021	Academic Proficiency Prize	15.08.2023
2	G.Varshini	2021-2022	Academic Proficiency Prize	15.08.2023

(ii) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	Student Name	Batch	Achievements and Awards	Date
1.	M. Monisha, J. M. Pugalarasan, K. Shunmathi, R. Brimasureeswaran, Usha Antony B.Tech.(Food Technology)	2021 - 2022	Fifth Place presenting the poster on "Formulation and Development of Instant Soup Mix using Underutilised Millet"	International Conference on Millets for Achieving Nutritional Security,

				Haryana on 21.09.2023 – 23.09.2023
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35. Activities of the Guidance and Counseling unit

(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No.	Activities of the Guidance and Counselling unit
1.	<ul style="list-style-type: none"> The Cell has shared the details regarding higher study opportunities to the students. It also shared the details regarding different capacity building programmes. It has disseminated the job details of various organizations to the students. Submitted report on candidates selected for inspector of fisheries from Ponneri campus on 28.07.23. Submitted report on NET cleared students from Ponneri campus on 31.07.23. Proceeded the formalities to conduct interview from M/s. CP Aquaculture for the final year students. Coordinated the campus drive from M/s. Shenglong on 27.09.23. Organized the special lecture for UPSC and Higher study opportunities in abroad on 26.09.23 and submitted the report.

(ii) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	Activities of the Guidance and Counselling unit
1	Three counseling programs were conducted for 2020-2021, 2021-2022 and 2022-2023 batch students by the respective Mentors.

(iii) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	Activities of the Guidance and Counselling unit
1.	<p>The main aim of this unit,</p> <ul style="list-style-type: none"> To give self – confidence for the students. Providing guidance to the students in making the right choices in their studies. It provides necessary knowledge and skills, builds hope and confidence.
2.	Conduct personality development class for students.
3.	Debates to be conducted for improvise the speaking skills without any fear.
4.	Counselling session is being conducted at every week of Saturday.
5.	In Counselling Session, the feedback form (2022 -2023 batch) was collected and take action for student benefits.

(iv) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Activities of the Guidance and Counselling unit
1.	Regular class committee meetings with students are being conducted for guidance and counselling.
2.	Personality development lecture from guest faculty was organized.

36. Placement services provided to students :

(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No.	College	Placement Service provided	Year
1.	FC & RI,	<u>CAMPUS PLACEMENT DRIVE</u>	2023

	Ponneri.	The Placement cell unit of Dr.MGR FC&RI, Ponneri organized a campus placement drive for the outgoing students of 2019-20 batch on 27-09-2023 at our college campus. M/s Shenglong Biotech India Pvt Ltd have conducted an interview for the Senior sales and technical trainees position. Totally 13 (8 female and 5 male) candidates participated in this campus drive. The programme were coordinated by Mr.K.Karuppasamy, Assistant Professor and Placement Cell Officer.	
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(ii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

Sl.No.	College	Placement Service provided	Year
1	Dr.M.G.R FCRI, Thalainayeru	The final year B.F.Sc. students (2019-20 Batch) had online campus interviews with CP Aquaculture India Pvt Ltd., Chennai, on 11.08.2023. Sixteen out of 29 attendees progressed to the final technical interview round. Additionally, a physical mode campus interview was conducted by Avanti Feeds Ltd., Tamil Nadu, on 14.08.2023, where 2 candidates were selected as Trainee-Technical Sales Officers in the Sales and Marketing Department.	2023

(iii) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	College	Placement Service provided	Year
1	Institute of Fisheries Biotechnology	6 students of B.Tech. (Biotechnology) 2019-2020 batch have been placed at LifeCell International Pvt Ltd, Chennai	2023
2	Institute of Fisheries Biotechnology	One student of B.Tech. (Biotechnology) 2019-2020 batch has been placed at Sahasra Crop Science Pvt Ltd, Hyderabad	2023
3	Institute of Fisheries Biotechnology	Three students of B.Tech. Biotechnology have been placed at ARC International Fertility and Research Centre, Ongole (AP), Tirupathi (AP) and Kumabakonam (TN)	2023

(iv) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	College	Placement Service provided	Year
1.	College of Fish Nutrition and Food Technology, Madhavaram Milk colony, Chennai - 51	sending letters to the different Companies and arrange for placement interview	2019 – 2020 Batch Student
2.	College of Fish Nutrition and Food Technology, Madhavaram Milk colony, Chennai - 51	A pre-placement training session on Resume writing and Email writing was organized for the B. Tech. Food Technology Students. The guest speakers were Mrs. Prathiba Thomas, Associate Director, Talent Acquisition, First Source Solutions Ltd., Chennai and Mr. Floran Jayaraj, Assistant Manager, Global CSR and	2020 – 2021 & 2021 – 2022 Batch Student

		Employee Volunteering, First Source Solutions Ltd., Chennai. They shared their experiences in hiring students through interview and also conducted mock interviews.	
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(v) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	College	Placement Service provided	Year
1.	PPIAT (B.Voc IA) Batch 2019-2020	The four interested students were placed in aqua hatcheries, shrimp farms and feed industries. Rest of the students (7) have gone for higher studies.	2023.

(vi) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

Sl.No.	College	Placement Service provided	Year
1.	TNJFU-PPIFT, Ramanathapuram	i. Student of Ms.Abarna (2019-20) got placed as Program officer for the scheme NABARD. ii. A 2020-21 student got placed as an Apprentice with a salary of Rs.10,000/- in Kumaran Filaments Private Limited, Nagercoil.	2019-20 2020-21

37.Development programmes for non-teaching staffs: Nil

Sl.No.	College	Name of the programme	Date

38.Good practices of the institution

(i) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl. No.	Good practices of the institution
1	FC & RI, Ponneri organized three days (30 th June – 2 nd July, 2023) National Level Ornamental Fish Exhibition – “Aqua Rainbow Fest. The exhibition had a national level flowerhorn competition, which had 100 participants from different regions of India. winners of various competitions in the exhibition were felicitated.
2	Seven B.F.Sc students and Four M.F.Sc students (DFRM) and (DAEM) participated in the Mangrove day celebration (CReNIEO) on 22/07/2023. They have also planted mangrove saplings at the mangrove site in the Thandal village, Pulicat. The students were led by Mr.K.Karuppasamy, Asst. Professor, DFRM participated in the oration competition.
3	DFRM and DAEM organized “The World Natural Conservation Day” on 28.07.2023. In the off-campus celebration, a mangrove plantation drive at Ennore region in Thiruvallur district of Tamil Nadu was organized. Mrs.R. Raathai, Assistant

	Conservator of forest, Tiruvallur District served as the chief guest in the plantation drive. Totally, 100 mangrove saplings were planted by the staff and students. In addition, an online technical lecture titled "Conservation and Management of Fish Genetic Resources in India: Current Status and the way forward" was delivered by Dr. Kantharajan G, Scientist, ICAR-NBFGR. The celebrations were fully sponsored by VGP Marine Kingdom, Chennai.
4	Dr. M.G.R FCRI, Ponneri celebrated "Meri Maati Mera Desh" campaign from 09.08.23 to 15.08.23 (Mime, Drama, Patriotic Singing, Rangoli, Art, Poster, Debate & Speech). Events were organized for college and school students promoting the theme of "Meri Maati Mera Desh" and "Mahakavi Bharathiyar and national freedom movement". 75 nos. of tree saplings were planted at Devampattu Village by NSS volunteers of the institute. Mr. S. Muthusamy, 99 years old freedom fighter was honoured by the Dean i/c of the institute during the campaign.
5	80 students of Dr.MGR, FC & RI along with the Dean i/c and staff of the institute took anti-drug pledge led by the Hon'ble Chief Minister of Tamil Nadu on 11.08.2023.
6	Dr. M.G.R FCRI, Ponneri observed Anti-ragging week from 12.08.23 to 18.08.23. Slogan, Essay competition, Drawing competition, Poster making and designing competition was held. Dr. S. Selvaraj, Warden and Mr. D. Arun Jenish, Deputy Warden coordinated the overall arrangements.
7	Dr.M.G.R FCRI, Ponneri celebrated 77 th Independence Day on 15.08.2023. Dr. L. Surulivel, Ap, DFEES coordinated the overall arrangements.
8	On 18.08.2022, the Dean i/c of the institute, Dr. N. Muralidharan read out the pledge which was recited by the employees of the institute to observe the "Sadbhavan Diwas".
9	Department of Aquaculture of Dr. MGR FC&RI, Ponneri, conducted a three-day online training program on "Digital Technologies for Advancing Aquafarming in India" in collaboration with MANAGE from 23-25, August 2023. The event showcased speakers from national institutes, industries, and private institutions, who delivered a total of 12 presentations to a diverse audience of 120 registered participants, including students, farmers, researchers, and faculty members. Dr. Menaga, AP, DAQ served as the training coordinator.
10	Achievement of Chandrayaan-3 was celebrated at the institute on 15.09.2023. Dr. Cheryl Antony, Dean i/c., has inaugurated the program with welcome address. Drawing competition was also held on the topics of 'India on Moon', 'New India on Moon', 'Moon is not far away', 'Lunar Journey of New India', 'Self-reliant India's Chandrayaan'. Dr. N. Muralidharan, AP, DFPT coordinated the program.
11	On 15.09.2023, the Dean i/c of the institute, Dr. N. Cheryl Antony read out the pledge which was recited by the employees of the institute to observe the "Social Justice" Day.
12	Mr. S. Raja Sekaran, Founder Director of M/s. Raj Sekar IAS Academy and Mr. Anoop Francis, Director, M/s. KC Overseas Education, Velachery, Chennai delivered special lectures on "Strategies on the preparation for competitive exams" and "Higher study opportunities in abroad", respectively at the institute on 26.09.2023. Dr. Cheryl Antony, Dean i/c., concluded the programme with her closing remarks. A total of 140 students have attended the program. Dr. N. Muralidharan, AP, DFPT coordinated the programme.

(ii) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	Good practices of the institution
	<ul style="list-style-type: none">i. 'Prospiciences Groups' has been initiated for encouraging group discussions among studentsii. Brainstorming sessions on subject matters for the final year students through 'Biotechcellence Club'iii. Mandatory project work for the final year Undergraduate studentsiv. Compulsory internshipsv. Encouraging undergraduate students to be associated with faculty for research and lab activitiesvi. Introduction of dress code to undergraduate students on selected daysvii. Development and adoption of SOP for all laboratoriesviii. Frequent anti-ragging awareness programmes for a ragging free campusix. Grievances Redressal system and Anti-drug awareness activities for the benefit of the studentsx. MOOC courses for undergraduate studentsxi. Conduct of Biotechnology subject matter group meeting to facilitate student and faculty researchxii. Parent-Teacher meetings

(iii) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	Good practices of the institution
	<ul style="list-style-type: none">i. Mandatory project work for the postgraduate student's.ii. Encouraging postgraduate students to be associated with faculty for research and lab activities.iii. Motivation of PG students to participate in the Journal club meeting.iv. Identification of mentor from outside institution is encouraged.

(iv) College of Fish Nutrition and Food Technology, Madhavaram

Sl.No.	Good practices of the institution
1.	Conducted class test for the students after the completion of every unit in the syllabus
2.	To initiate standards club for students activity
3.	To conduct personality development class for students

(v) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Good practices of the institution
1.	Shrimp seed stocking and rearing was carried out in this quarter.
2.	Maintenance of campus greening with frequent plantation programs were carried out.
3.	Aquafeed production under MoU with CMR feeds was done.

39. Linkages developed with National/International, academic/research bodies

: MoU's

(i) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl. No.	College/Institute	Linkages developed	National/International	academic/research bodies	Date
1	National Institute for Research in Tuberculosis, Chennai	Four B.Tech. (Biotechnology) Students underwent internship program	National	Research	Since March/April 2023
2	MS Swaminathan Research Foundation, Chennai	Two B.Tech. (Biotechnology) Students underwent internship program	National	Research	Since March/April 2023

(ii) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

Sl.No.	College/Institute	Linkages developed	National/International	academic/research bodies	Date
1.	MSSRF Chennai	Linkages were developed and visits, by the postgraduate and doctoral students pursuing their research project work were able to take needy help from the above institutes.	National	Research	Since March 2023
2.	TRPVB, TANUVAS, Chennai,				
3.	Sathyabama Institute				
4.	CIBA, Chennai				

40. Action Taken Report on the Quality Assurance Report of the previous quarter

(i) Fisheries college & Research Institute, Thoothukudi

Sl. No.	Action taken towards the previous quarter
	The following committees were formed against the minutes of the second IQAC quarterly meeting held on 12.10.2023.
	The Mentor / Mentee weekly meeting for the 2021 - 2022 batch students of B.F.Sc programme for the IV semester was conducted on 12.10.2023.
	Report of the Mentor-Mentee meeting held on 19.10.2023 Mentor: Dr.P.Sivasankar, Assistant Professor Mentees: 2020-2021 batch students



S.No.	Name of the Students	Present /absent
1.	HERLIN J	She was on leave
2.	NAZEELA BARVIN A	She was on leave
3.	ARUL JAISON P	Attended
4.	ANAS HUSSAIN J	Attended
5.	THILAKRAJ G	He was on leave
6.	ERNEST E LEAGE	Attended

Report of the Mentor-Mentee meeting held on 19.10.2023

Mentor: A.Anix Vivek Santhiya, Assistant Professor, DAQ

Mentees: 2021 – 2022 UG batch

Name of the Students Attendance

- 1 ANUSHIYA, U. Present
- 2 JAI KARTHICK, D. Present
- 3 SUNIL BABU, P.S. Present
- 4 PUGALMATHI, S. Absent
- 5 ARJUNSIDDHARTH, V. Present
- 6 ATSHAYA BALAN, K. Present

The meeting was conducted on 19.10.2023. Out of six students, one student was absent due to health issues. The following contents were discussed with the students.

Students background and Income source

- Importance of the meeting
- Issues in the hostel, class room and home
- Relationship with seniors and students
- Job opportunity in fisheries



Report of the Mentor-Mentee meeting held on 19.10.2023

Mentor: Dr.P.Sivasankar, Assistant Professor

Mentees

S.No.	Name of the Students	Present /absent
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1.	DIVYA MEENA, B.	Attended
2.	JEFFRIN JOE J.	Attended
3.	SANDRIN, K.	Attended
4.	AARTHY, B.S	Attended
5.	MARY BLESSY, R.	Attended
6.	ROHAN, R.	Attended

- Describing each other's characteristics to better understand their positive and negative attitudes
- Any personnel / common problems they face either in the college or in the hostel or in the family


Report of the Mentor-Mentee Meeting held on 10.10.2023

Mentor: Dr. T. Umamaheswari

Mentees (2020-21 Batch):

- GOKULA KRISHNAN, A S
- JEYAASHRIEE, K
- KEERTHANA, I
- MARY HELENA, S
- SAHAYA ROOPNA, S
- SNEKA, R

Absentee: Sneka, R



<p>Report of the Anti-ragging day & Anti ragging week observed</p> <p>As per All India Council for Technical Education (AICTE) guidelines, anti-ragging week was observed from August 12th to 13th. A committee was constituted by the Dean of this Institute in order to prevent ragging among the students' community. The preliminary meeting was conducted by committee Chairman Dr.V.Rani and the members Dr.K.S.Vijay Amirtharaj, Dr.B.Sivaraman and Mr.AnixVivek Sandhya on 07.08.2023 for the steps and activities to be taken for the celebration of anti-ragging day/week</p> <p>Orientation programme(12th Aug)</p> <p>An orientation programme on "Anti-ragging day" was observed on 12.08.2023 between 4.30 to 5.30 pm at AV hall. A total of 190 students were participated. The following points were explained to create awareness against ragging by the committee</p>
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members.

- **Ragging:** The committee elaborated the activities involved in ragging such as abuse, humiliation, harassment of new entrants/Junior students
- **Impacts of Ragging:** Ragging can lead to severe depression and the same may take drastic steps like attempting suicides also engaging in criminal activities in the long run
- **Punishment of Ragging:** As per Tamil Nadu prohibition of Ragging Act 1997, the student who involved in Ragging he/she will expelled from the hostel as well as institution immediately without any enquiry

The II meeting for all UG / PG / PhD batches was conducted on 27.10.2023 between 12.15 to 1.15 pm at play ground. As a part of anti drug committee awareness activity, the students shown on the title as **SAY NO TO DRUGS & YES TO LIFE &** in play ground to mark the understanding the dangers of drug use & abuse. A total of 206 students from this college have actively participated in this awareness programme. Dr.S.Athithan chairman of anti drug committee explained to the students how to take online pledge for say yes to life & no to drugs in **indiancc.mygov.in website**. Dr.B.Ahilan, Dean of this college and all the staff of this institute congratulated the students who participated in their volunteer event. The entire event was coordinated and successfully conducted by Dr.S.Athithan (Chairman,Anti Drug Committee) and his team members Dr.Sivasankar&Mr.Mariappan of this institute.

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

Sl.No	Action Taken
1.	<p>a) Dr. C. Lloyd Chrispin, AP, submitted a project proposal entitled 'PISCES' towards documentation of BMPs for selected commercially important ornamental fishes was prepared with a budget of Rs.65.50 lakhs and submitted to the Office of Director of Research, TNJFU on 14.08.2023.</p> <p>b) The project was peer reviewed by the Director of Research (i/c), TNJFU on 20.09.2023 and was forwarded for funding under the Sub-Component 9 of Annexure I "Fish data collection, fishers survey and strengthening of fisheries database" of (PMMSY) 2023-2024.</p> <p>c) 19 faculties of the institute delivered expert talks of 15 which have been recorded by the DD Podhigai on 13.09.2023,14.09.2023 &15.09.2023. The date of broadcast of the expert talks is yet to be received from DD Pothigai.</p> <p>d) Dr.L. Surulivel, AP, attended the CODISSIA stall duty from 14.07.2023 to 17.07.2023 in Coimbatore.</p> <p>e) Dr. L. Surulivel, AP, given AIR talk entitled on food Economics on 01.09.2023 in Chennai.</p> <p>Mr. D. Arun Jenish, AP, submitted a manuscript entitled foot print and associated environment impact of fisheries on Pulicat region, South India to journal on 30.09.2023.</p> <p>a) Production is completed on 07.09.2023 (Tuna pickle (100g)-50 pouches) Topic of talk:</p> <p>a) Dr.K.Masilan & Dr.N.muralidarandelivered talks on pothigai TV. Programme. (Ponvilaiyum Bhoomi)</p> <p>c) Dr.K.Masilan: "Preparation of fish amino acid and fertilizer from fish wastes".</p> <p>d) Dr.N.Muralidaran: "Development of edible packing materials from fish processing wastes".</p>

2.	<p>Tailor made programmes to meet the need of the trainee sector which include fisher folk, women SHGs and the rural youth is undertaken to develop fisheries/aquaculture entrepreneurship:</p> <p>A training calendar (https://www.tnjfu.ac.in/fcripon/training) programmes to be organized by the institute was uploaded in the TNJFU website on 12.09.2023.</p> <p>a) DAQ organized five days training program on the theme "Aquaculture worker" for the beneficiaries (20nos) of Thiruvallur District from 10.07.2023 to 14.07.2023. Practical demonstrations were also undertaken for the beneficiaries.</p> <p>b) "Digital Technologies for advancing Aquafarming in India" was conducted from 23.08.2023 to 25.08.2023.</p> <p>c) The event showcased speakers from national institutes, industries and private institutions, who delivered a total of 12 presentations to a diverse audience of 120 registered participants.</p>
3.	<p>Innovations in curricular design and transaction: T. Harish Kumar, I M.F.Sc. (Fisheries Extension) under the guidance of Dr.Lloyd Chrispin, Asst. prof, DFEES has submitted a Video about 'Madurai malli' to the competition within the given deadline.</p> <p>a) Faculty members of the Department of Aquaculture have undertaken direct meeting with allotted UG students for mentorship and guidance on 08.09.2023 & 22.09.2023.</p> <p>b) The students were allotted different topics for preparing an article.</p> <ul style="list-style-type: none"> • P. Gowshika & A.P. Chibiya – Production of all male population of finfish & shellfish. • Amirtha varshini & Dharanuja - Migration of salmon & Trout using Magnetic imprinting. • Gaurat Biswas & Christopher - Recent Advances in cage culture of fishes. • Atchaya & Gayathri – Spitting behavior of Archer Fish. • Athithya & Dona Merli – Breeding and Seed production of Mudcrab. <p>Mentor-student meeting has been conducted on 29.08.2023.</p> <p>Career Guidance Cell: To delivered special lectures on the theme "Strategies on the preparation for competitive exams" and "Higher study opportunities in abroad" was conducted on 26.09.2023. 140 Students have attended the program.</p>
7.	<p>Faculty development:</p> <p>a) Approval received for MOOC training programme on "Digital teaching techniques" to Dr.K.Masilan, Mr.D. Arun Jenish & Mrs.Nimish Mol Stephen. Submitted one abstract in National conference on revering wetland, got acceptance for presentation on 29.08.2023.</p>

8.	<p>Strengthening of the library: Some of the question papers were collected from the following books.</p> <p>a) UPSC:</p> <p>a) Indian polity for civil Examination- Laxmikanth b) Indian Arts & Culture –Nitin singhania c) Indian Economy – Ramesh Singh d) Brief History of Modern India – Rajiv Ahir</p> <p>a) Model Approach to verbal & Non verbal Reasoning – Rss. Agarwal (Quantitative Aptitude) b) Quantitative Aptitude for competitive Examination - Rss. Agarwal c) Analytical Reasoning – MK. Pandey (Reasoning Paper) d) Fast track objective Arithmetic – (Arihant) – Rajesh Varma.</p>
9.	<p>a) The following Proposals were peer reviewed and submitted to external funding agency-TNSCST on 11.08.2023.</p> <p>b) Evaluation on the protective efficacy of marine algal carotenoids in combination with Indian spice bio actives in liver injury model in-vitro (Mrs.Nimish Mol Stephen)</p> <p>c) Impact of environment Changes on emergence of antibiotic resistant salmonella Montevideo in shrimp farms (Dr.N.Muralidaran)</p> <p>d) Development of dehydrated ready to eat Seafood products. (Dr.K.Masilan)</p>

(iii) Institute of Fisheries Biotechnology, Vaniyanchavadi

Sl.No.	Action Taken towards the previous quarter
1	<p>1. Feedback is being obtained routinely from the students for the B.Tech. (Biotechnology) degree courses</p> <p>2. Academic Proficiency Prizes have been given to students for encouraging them in academic activities</p> <p>3. Students achievements have been uploaded in TNJFU-IFBT website</p> <p>4. Placement details have been uploaded in TNJFU-IFBT website</p> <p>5. Academic Calendar has been prepared for each semester and will be communicated to the students and staff at the beginning of each semester</p>

(iv) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

Sl.No.	Action Taken towards the previous quarter
1.	The ATR of the previous quarter was submitted on time.

41. Any other relevant information the institution wished to add:

Section C: Outcomes achieved by the end of the quarter

(i) Fisheries college & Research Institute, Thoothukudi

- Four B.F.Sc., four M.F.Sc. and seven Ph.D. courses were handled.
- Guidance as chairman and member provided to 9 Ph.D. Students and 1 M.F.Sc.
- Revised the file format and by-laws for Initial registration process of the registration of the Alumni association in the name – AFCA Thoothukudi under TN registration portal and included in the web portal for registration .
- A total of two research projects, TANII (2022-23) and TNJFU-JTRF Scheme (2021-22) were operated.

Sl. No.	Name of the Staff	Book chapters published (ISBN, title, author, etc.) Published Book
1.	Arisekar, U., Shalini, R. and Sivaraman B. 2023.	Nisin and Phytochemicals: Natural preservatives for the fish and seafood industry. In: Pathak N and Mogalekar.H.S. (First Edn.) Sustainable Innovation in Indian Fisheries. A Comprehensive Compilation. Elite Publishing House (EPH) New Delhi. 297-308. (ISBN; 978-93-58990-55-3)
2.	Arisekar, U., Keerthana, M. and Masilan, K. 2023.	Fish Life in Special Environments and their Adaption Mechanism In Pathak, N and Mogalekar, H.S (First Edn.) Sustainable Innovation in Indian Fisheries: A Comprehensive Compilation. Elite Publishing House (EPH), New Delhi, p 71-84. (ISBN: 978-93-58990-55-3)
3.	Masilan, K., Devadharshini, S. and Arisekar, U. 2023.	Value Added Products/By-products from Fish Processing Waste: In Pathak, N and Mogalekar, H.S (First Edn.) Sustainable Innovation in Indian Fisheries: A Comprehensive Compilation. Elite Publishing House (EPH), New Delhi, p 270-285. (ISBN: 978-93-58990-55-3)

- A total of four B.F.Sc., 14 M.F.Sc. and four Ph.D. courses were taught.
- 7 MFSc students and 10 PhD student are guided
- One University Research Project on "The changing dynamics of labour migration on employment, livelihoods, and resource productivity patterns in Indian marine fisheries sector" funded by ICAR - NASF, New Delhi is being operated.

(ii) Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru

- National Fish Farmers day 2023 was conducted on 10.07.2023
- World Population Day 2023 was conducted on 11.07.2023
- Participated in Agri Intex organized by CODDISIA at Coimbatore during 13.07.2023 to 17.07.2023.
- Organised awareness Programme on 'Life saving appliances and Impact of plastic pollution on fishery resources' at Akkaraipettai on 26.07.2023.
- Organized an online talk on "Predatory Journal vs Indexed Journals: Navigating the Publishing Landscape for Your Research" through Google Meet on 28.07.2023.
- Organised a programme on 'Empowerment of final year B.F.Sc students on Aquaculture' on 02.08.2023.
- As a part of Vasudha Vandhan initiative under the Meri Maati Mera Desh Campaign, planting of indigenous tree saplings in two schools of the UBA (Unnat Bharat Abhiyan) adopted villages, namely Government Middle School, Vattakudi and Government High School, Umbalacherry, was carried out on 11.08.2023 and 14.08.2023.
- The Students Placement & Career Guidance cell has arranged campus interview for the final year B.F.Sc., students (2019-20 Batch) on 11.08.2023.
- The Students Placement & Career Guidance cell organised an Industry Interaction Meet for the students of the institute on 14.08.2023.

- Education Quality Assurance Cell (EQAC) of IQAC, has organized a skill development program for the students on 25.09.2023 through online mode.

(iii) Institute of Fisheries Biotechnology, Vaniyanchavadi

- One more linkage with academic institutes has been initiated
- 'Group Study' activity through '**Prospicience Groups**' for knowledge improvement has been carried out
- Motivated more students to undertake competitive exams and seven students have qualified in GAT-B exams
- UG students are encouraged with **Academic Proficiency Prizes**
- Mentor-Mentee interactions have been organized

(iv) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

- Linkages with academic institutes being initiated as and when need arises.
- Encouraged faculty / students training program.
- Motivated more students to undertake competitive examinations and encourage them to pursue higher studies or seek good placements in R&D and farms.

(v) College of Fish Nutrition and Food Technology, Madhavaram

- Template for E - Newsletter has been prepared
- IV year students completed their internship and tour program
- Study Tour Details

Date	Place Visited by the student
25.07.2023	Spice Board, Kochi
26.07.2023	CIFT, Kochi
28.07.2023	DFRL, Mysuru
31.07.2023	CFTRI, Mysuru
02.08.2023	GKVK campus, Bengaluru, Karnataka
02.08.2023	ICAR – NDRI, Bengaluru, Karnataka
03.08.2023	IIHR, Bengaluru, Karnataka
04.08.2023	College of Fisheries, Mangaluru, Karnataka
05.08.2023	Campco Chocolate Factory, Mangaluru, Karnataka

42. Any other relevant information the institution wished to add :

(i) Fisheries college & Research Institute, Thoothukudi

S.No.	Name of the additional regular responsibilities (e.g. Deputy Warden, Co-ordinator, etc.)	Work done details	Days/Time spent
1.	Co-ordinator 2020-2021 batch Dr.B.Chrisolite	Detailed below	
2.	Dr.P.Sivasankar Deputy Warden	Detailed below	

Dr.B.Chrisolite, Associate Professor and Head

- Attended all staff meeting conducted by the Dean, FC&RI, Thoothukudi on 12.07.2023.
- Attended the Study visit of the Parliamentary Standing Committee on Education, Women, children, Youth and Sports at Hotel Residency, Rameshwaram on 6th July 2023.
- As a part of India's Independence Day, a Cleaning and sanitation programme was conducted at PUPS Primary School, Kalankarai on 19.07.2023 under SwachBharath. Organised Budding FishCos program - Virbac Animal Health India Pvt. Ltd. for IV BFSc

students of TNJFU on "Basic of Fish culture with Virbac product protocols" on 07.08.2023.

- Attended all staff meeting conducted by the Dean, FC&RI, Thoothukudi on 08.09.2023.

Dr.P.Sivasankar, Assistant Professor

- Attended all staff meeting conducted by the Dean, FC&RI, Thoothukudi on 12.07.2023
- Attended the 21 days training programme on "Foundation Course for Faculty of Agricultural Universities" organized by ICAR-NAARM during 07.09.2023 to 27.09.2023.

S.No.	Name of the additional regular responsibilities (e.g. Deputy Warden, Co-ordinator, etc.)	Work done details	Days/Time spent
1.	C. Sudhan, Assistant Professor, DFBRM	Detailed below	

- Attended and presented paper in the National Conference on "Transforming Rural Poverty to Prosperity through Sustainable Fisheries (TRPSF - 2023)", College of Fisheries, Kishanganj, Bihar Animal Sciences University, 19 – 21 July, 2023
- Attended Foundation Course for Faculty of Agricultural Universities ICAR-National Academy of Agricultural Research Management, Rajendranagar, Hyderabad - 500 030
- Completed Ph.D. final viva-voce in the Dept. of Fisheries Resource Management, Fisheries Resources, Harvest and Post-Harvest Management Division, ICAR-Central Institute of Fisheries Education, Mumbai – 08 on 25.08.2023.

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

- Mrs. S. Aruna, D. Manikandavelu, Dr. A. Uma, Dr. Cheryl Antony and N. Jayakumar, 2023. Assessment of phosphorus mobilizing capacity of *Bacillus* spp. Isolated from mangrove rhizospheric sediment and its potential application in aquaculture. Indian Journal of Animal Research. Doi:10.18805/IJAR.B-5172.

(iii) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

- Two regular class committee meetings were conducted with B.Voc (IA) students.
- The B.Voc students have explored the farming techniques in TN Department of fisheries farm, Chengalpattu, Cage culture at kolavai lake and Private fish farms.
- Culture of live food organisms were initiated.
- Ornamental fish culture setup has been initiated.
- Aquaponics unit was restarted.
- Anti-ragging committee was formed.
- Parent-teacher meeting has been arranged at the end of the semester.
- Placement cell of DIVA has been updated.

(iv) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

July 2023

- 17 B.Voc. (IFT) UG courses and 1 M.F.Sc. course was taught
- 17 B.Voc. (IFPT) UG courses were taught

- Final theory question papers were prepared for the course VFT 124, 125, 126, VFT 226, 227, and FET 512
- Conducted Mid-term examinations for the course of VFT 121, 123, 124, 125 and FET 512
- Corrections were carried out in the textbook on Refrigeration and Equipment Engineering and the same was submitted to Elite Publications, New Delhi on 30.07.2023.
- Conducted FICSI (Food Industry and Capacity Skill Initiative) exams
- The Academic credential report was sent to Admo on 03.07.2023
- The monthly report was sent to the Registrar on 07.07.2023
- The student details report was sent to the Registrar on 11.07.2023
- The Differently abled person details report was sent to the Registrar on 12.07.2023
- The exam application was sent to the CE on 18.07.2023
- The NADP status report was sent to Admo on 20.07.2023
- The Academic details 2022-23 report was sent to the Admo on 20.07.2023
- The Staff attendance particulars report was sent to the Dean, FC&RI, Thoothukudi on 20.07.2023
- 66th USO meeting ATR sent to the Registrar on 21.07.2023
- Proposal for certificate course on 'Fishing Gear Technician' was sent to the Registrar on 26.07.2023
- The DIVF and CIVF account details were sent to the FO on 26.07.2023

August 2023

- Paraprofessional Institute of Fisheries Technology, Madhavaram a constituent college of TNJFU celebrated 77th Independence Day with patriotic fervor.
- A tree plantation program was organized and four saplings were planted by the Principal, PPIFT, and Professor and Officer-in-charge, ARTP.
- Oratorical competition was conducted on the themes of "Mahakavi Bharathiyar and National Freedom Movement" and "My Motherland My Country" for the students of B.Voc.
- The FICSI Level 5 (Food Products and Packaging Technician) exam was conducted for the students of B.Voc. III years (2020-21 batch) and all the students qualified for the exam
- A Field Visit was organized for the students of B.Voc. I year (2022-23 batch) to M/s. Abad Overseas Private Limited on 09.08.2023. Freezing methodologies, Packaging techniques, Quality techniques, and instrumentation facilities of seafood processing plants were demonstrated to the students.
- The UMIS report was uploaded on 01.08.2023
- Monthly report was sent to the Registrar on 05.08.2023
- The details were sent to the HDFC Officials on 05.08.2023
- The Audit performance report sent to the CE on 08.08.2023
- The DIVF Staff contact details report was sent to the Admo on 10.08.2023
- The proposal for B.Voc. Recognition was sent to the Registrar on 10.08.2023
- The report was sent to the IQAC Chairman on 14.08.2023
- The proposal Proposal for starting the Offshore safety training system was sent to the VC on 16.08.2023
- The 77th Independence Day celebration details were sent to the Admo on 18.08.2023
- 67th USO meeting ATR sent to the Registrar on 24.08.2023
- The 2nd IQAC quarterly ATR report was sent to the IQAC Chairman on 24.08.2023

- The RE 2023-24 & BE 2024-25 budget details were sent to the FO on 29.08.2023
- The DCB was sent to the FO on 31.08.2023
- The Scholarship details were sent to the Admo on 31.08.2023

September 2023

- The budget details were sent to the FO on 01.09.2023
- Monthly report was sent to the Registrar on 07.09.2023
- The NADP details were sent to the Admo, TNJFU on 13.09.2023
- The UG admission 2022-23 details were sent to the CE, TNJFU on 14.09.2023
- The minutes sent to the Chairman, IQAC, TNJFU on 26.09.2023

Section D: Plans of the Institute for the next quarter

(i) Fisheries college & Research Institute, Thoothukudi

- 6 UG, 6 PG & 6 PhD courses will be handled
- On Campus training programmes will be conducted
- DSIR research scheme on "Livelihood improvement of women through skill development in ornamental fish farming with special emphasis on production of attractive and high quality ornamental fishes" will be operated
- 3 PG & 4 PhD thesis research works will be carried out
- Offering courses to UG, PG and PhD
- Continuing the PG and PhD research guidance
- National Surveillance programme for Aquatic Animal Diseases –Phase II scheme till March 2025.
- The objectives of the EDII Scheme will be accomplished.
- The Ph.D. Students research work will be continued.
- The courses of the Department of Fish Processing Technology will be handled.
- To offer courses pertaining to fish quality and safety to the B.F.Sc. degree students
- To carry out research works on fish quality assurance
- To guide the PG and Ph.D. degree students in the field of fish quality assurance
- To serve as fish quality monitoring and certification centre
- To impart training to personnel of seafood processing industries, fisherfolk, SHGs on fish quality and safety
- Offering new UG and PG courses in the coming semester
- Submission of research articles
- Continuation of extension activities related to Fishing technology through popular Articles, guest lectures, training and awareness programs.
- Proposing a new research project to funding agencies

Uploading of all the PG and Ph.D. thesis from 2020 to 2022 batch in the Krishikosh Portal.

<https://krishikosh.egranth.ac.in/>

(ii) Dr. M. G. R. Fisheries College & Research Institute, Ponneri

- To prepare Question papers for Bank UPSC Exam.
- To conduct Mock Exam for competitive Government exams.
- To conduct a stakeholder meet on the prevention of antibiotics usage in Aquaculture.
- To promote the concept of "project Based Learning" for the students through mentor mentee program.
- To propose projects to the external funding agency
- Publication of research papers in high- impact factor journal (DAAHM)

- To commemorate the world fisheries day for two days (21.11.2023 -22.11.2023) Training programme on 'shrimp farming' will be conducted.
- Field trial of newly fabricated fishing gears will be done at Pulicat Lake by 2020-21 batch students under FS-316: Fishing technology course.

(iii) Institute of Fisheries Biotechnology, Vaniyanchavadi

- *Continuing the Assessment of feedback responses from students*
- *Syllabus revision*
- *Appreciation of the students by rewarding for their academic performance*

(iv) Institute of Fisheries Postgraduate Studies, Vaniyanchavadi

- Continuing the assessment of feedback responses from students.
- Appreciation of the students by giving advice and motivation in their academic pursuit.
- Identification of mentor from outside the institute to share the knowledge and also facilitate in doing research.

(v) College of Fish Nutrition and Food Technology, Madhavaram

- The External IQAC meeting will be conducted on 31.10.2023
- The Internal IQAC meeting was conducted on 19.10.2023
- To discuss with the External members about internship and placement activities
- Conducted awareness program through IQAC
- Dean will discuss with the faculty to prepare and publish the research paper related to food and fish.

(vi) Directorate of Incubation and Vocational Training in Aquaculture, ECR, Muttukadu.

- Guest Lectures from industry personnel to be arranged.
- Frequent field visits for the students to Farms, hatcheries, industries and TNJFU centres to be arranged.
- Regular class committee meeting to be conducted and file to be maintained.
- DIVA Library to be updated with resources.
- Skill based training programs to be arranged.
- Feedback from the students to be collected periodically.
- Laboratories to be further strengthened.
- Course files to be maintained.
- Students Grievance and redressal meeting to be conducted.
- Faculty empowerment programs to be encouraged.
- Parent teacher meeting to be arranged.
- Greening of campus to be ensured.

(vii) Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram.

PPIFT, Ramanathapuram – October 2023	
1.	3 rd IQAC Meeting ATR
2.	Preparation and compilation of the DIVF monthly report
3.	Level 4 examination report
4.	UG Admission 2022-23
5.	Education Annual Report 2022-23
6.	Five days training report
7.	IQAC revised committee

8.	68 th USO meeting minutes
November 2023	
9.	Conduct of One week training program
December 2023	
10.	Conduct of One week training program

Sd-/-----
Name & Signature of the
Director / Coordinator, IQAC

Sd-/-----
Name & Signature of the
Chairperson, IQAC