

UNIVERSITY

# NEWSLETTER

TNJFU

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Vice-Chancellor

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*From the Desk of  
Vice-Chancellor.....*



**Dear Readers,**

Indian Fisheries have shown extraordinary resilience in 2022, which is considered a recovery year from the impacts of the CoVID pandemic. During the 2<sup>nd</sup> anniversary of PMMSY, our Hon'ble Union Minister for Fisheries talked about our impressive growth of 14.3% with the production and export of fishery products reaching an all-time high of 161.87 and 13.64 lakh tonnes respectively. The exports realized a value of 6.6 billion USD. PMMSY has supported 31.47 lakh farmers under insurance coverage and the sector envisages an employment generation of 68 lakhs by 2024-25. The contribution by the inland fisheries sector to our total production is closer to 75% which has further progressed in the second and third quarters of the year. Shrimp aquaculture production which contributed substantially in 2021-22 to our exports (5.82 billion USD) has shown cracks in the later part of the 3<sup>rd</sup> and 4<sup>th</sup> quarters with the falling price in the international market and the competition from Ecuador. The fisheries sector is economically significant not just for earning over 7.76 billion USD but also for its contribution towards jobs to about 25 million people. India contributed to 10% of global seafood exports and the target for the coming year is set as 8.8 billion USD. In order to sustain and enhance our exports to developed markets we also need to focus on certification to ensure that the production process is ethically and environmentally appropriate. The shrimp aquaculture industry requires facilitation in terms of affordable finance and insurance to guarantee continuous production. Further, there should be more Public-Private Partnerships, new farming technologies, availability of quality SPF/SPR seeds and other inputs, site-specific farming protocols and enhanced digital literacy among farmers for a free exchange of information and data to bring rapid progress.

Domestic marketing is getting organized, however at a slower pace but there is a huge scope due to the increasing demand from affordable and informed customers. Policy interventions and the establishment of hygienic fish markets, an unbroken cold chain, and an effective supply chain would greatly promote domestic market demand.

Several proactive measures were initiated in conservation as well as augmentation of fish stock in natural water bodies. Under PMMSY, ICAR-NBFGR supplied two lakh advanced fingerlings of IMCs to the Directorate of Fisheries, UP for ranching in the river Ganga. The Tamil Nadu Fisheries Department also took up ranching in river Tamirabarani, besides initiating several measures to increase the fish seed production to bridge the gap in demand and supply.

The Ornamental fisheries, an area of promise requires our greater attention to harness its potential in the coming years. The target of national seaweed production of 1.12 million tonnes by 2025 is very stiff as there is no clear pathway designed yet and needs a definite role by the Universities and Research Institutes. Technologies available in South Asian countries can be adopted towards improving seaweed production.

While the curtain is drawn for the year 2022, we shall prepare our minds and make concerted efforts in the New Year to take the Indian Fisheries sector to greater heights harmonizing with nature.

**Dr. G. Sugumar, Ph.D.,**  
Vice-Chancellor

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## VC EVENTS

### Review on TNJFU-Junior Teacher Research Fellowship (JTRF):

A review was conducted on the research under TNJFU – Junior Teacher Research Fellowship (JTRF) for the year 2021-22 by the Hon'ble Vice-Chancellor on 02.11.2022 at the Board Room along with the Director of Research i/c.

### Launched the Online Application for PG Admission:

The Hon'ble Vice-Chancellor released the PG prospectus and launched the online application for Postgraduate programmes for the academic year 2022-23 at the Board Room, TNJFU Headquarters along with the Registrar, Finance Officer, Director of Extension Education, Director of Sustainable Aquaculture, Chairman of the admission committee, and Estate Officer i/c., TNJFU on 02.11.2022.



### Meeting at State Planning Commission:

The Hon'ble Vice-Chancellor participated in a Meeting organized by the State Planning Commission at Ezhilagam, Chepauk, Chennai on 03.11.2022 for discussion on Sectoral Activities of Animal Husbandry, Dairying, Fisheries and Fishermen Welfare in the State.

### Advisory Committee Meeting of iCURE-2023:

The Hon'ble Vice-Chancellor participated in the Advisory Committee meeting of the International Conference on "International Consortium of Universal Research Erudition-iCURE-2023", to be organized in February 2023 by the Madurai Kamaraj University, Madurai on 07.11.2022 through virtual mode.

### Pre-thesis Submission Seminar:

The Hon'ble Vice-Chancellor participated in the PG and PhD students' Pre-thesis submission seminar, conducted by the Faculty Dean, TNJFU on 07.11.2022, 08.11.2022, 11.11.2022, and 15.11.2022 at Fisheries College and Research Institute, Thoothukudi, Dr.MGR Fisheries College and Research Institute, Ponneri, and TNJFU Headquarters, Nagapattinam respectively.

### Inauguration of IEDP – Fisheries Hub at FC&RI, Thoothukudi:

The Hon'ble Vice-Chancellor participated in the inaugural function of the Innovation and Entrepreneurship Development

Program (IEDP) – Fisheries Hub cum Top Management Meet and Awareness on Innovation Voucher Programme under EDII-MPBIF scheme at Fisheries College and Research Institute, Thoothukudi on 09.11.2022. Thoothukudi District Collector, Dr.K.Senthil Raj, IAS., inaugurated the programme in the presence of the Hon'ble Vice-Chancellor of TNJFU. Mr.R.Muthuraman, Additional Director, EDII, Chennai and Dr.B.Ahilan, Dean, FC&RI, Thoothukudi participated.



### National Webinar:

The Hon'ble Vice-Chancellor inaugurated the National Webinar on "Emergence and Spread of Antimicrobial Resistance in Aquaculture" organized by the Fisheries College and Research Institute, Thoothukudi on 16.11.2022 as a part of the World Antimicrobial Awareness Week 2022, and delivered the presidential address.

### Visit to ICAR, New Delhi:

The Hon'ble Vice-Chancellor visited the Indian Council of Agricultural Research (ICAR), New Delhi on 17.11.2022, met with the Additional Director General of ICAR and Coordinator of Accreditation, ICAR, New Delhi, and discussed the status of accreditation of TNJFU.

### National Symposium at ICAR-DCFR, Bhimtal:

The Hon'ble Vice-Chancellor participated as Guest of Honour at the National Symposium on "Fisheries and Aquaculture for Livelihood and Nutritional Security" organized by the ICAR-Directorate of Coldwater Fisheries Research, Bhimtal on 18<sup>th</sup> & 19<sup>th</sup> November 2022; He also chaired a session on "Optimizing use of the resource through innovations in feed, health and input management" and delivered a lead talk in the session.



### Launch of Insurance for Freshwater Fish & Shrimp Farming:

The insurance package for freshwater fish farming and shrimp farming was launched on "World Fisheries Day", 21.11.2022 at TNJFU, Nagapattinam. The programme was presided over by the Hon'ble Vice-Chancellor, TNJFU, Nagapattinam. Dr. A. Arun Thamburaj, IAS, District Collector,





Nagapattinam was the Chief Guest and released Aquaculture Insurance products. Th.N.Gowthaman, Chairman, TNFDC, Dr. N. Felix, Registrar, TNJFU, Dr. J. Stephen Sampathkumar, Director of Sustainable Aquaculture, TNJFU, Dr.S.Balasundari, Dean, Dr.MGR FC&RI, Thalainayeru, Dr. T. Ravishankar, Principal scientist, ICAR-CIBA, Chennai, Mr.B.K.Sinha, Chief Manager, Oriental Insurance company Ltd., New Delhi, Mr. Sumant Salian, Associate Director, Alliance Insurance Pvt Ltd., Chennai, and the Joint Director & Assistant Director, Fisheries and Fishermen Welfare Department, Nagapattinam participated in the launch programme. The launch was followed by presentations of the insurance package by executives of Oriental Insurance, Scientists from CIBA and interaction by participants. In total, 132 shrimp and fish farmers and 30 aquaculture inputs suppliers attended the event. On this occasion, an MoU was signed between TNJFU and Alliance Insurance Pvt. Ltd., Chennai.

### Literary meeting to Highlight Tamil Scholars and Writers :



The Hon'ble Vice-Chancellor participated in the Literary meeting to Highlight Tamil Scholars and Writers, organized by the Tamil Development Department of Nagapattinam District was held in the TNJFU Auditorium, Nagapattinam on 24.11.2022. The District Collector, Dr. A. Arun Thamburaj, IAS, was the Chief Guest.

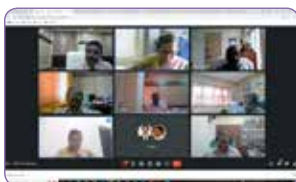
Th.N.Gowthaman, Chairman, TNFDC, Th.U.Mathivanan, Chairman, Tamil Nadu Adi Dravidar Housing and Development Corporation, Th. V.P. Nagai Mali, MLA, Kilvelur, Th.R.Marimuthu, Chairman, Nagapattinam Municipality, and Dr.R.Anbarasi, Assistant Director, Tamil Development Department, Nagapattinam participated in this programme.

### Inaugurated the Wetlab at CoFE, Nagapattinam:

The Hon'ble Vice-Chancellor inaugurated the Wetlab at the College of Fisheries Engineering, Nagapattinam on 25.11.2022.



### University Officers Meeting:



The Hon'ble Vice-Chancellor, TNJFU conducted the 59<sup>th</sup> University Officers meeting through virtual mode on 25.11.2022.

### Visit to AIIRLIVAS, Chinnasalem:

The Hon'ble Vice-Chancellor visited the AIIRLIVAS, Chinnasalem on 25.11.2022, and reviewed the works and activities.



### Attended Workshop at Central University of Tamil Nadu, Thiruvavur:



The Hon'ble Vice-Chancellor participated as a Chief Guest in the valedictory session of the Workshop on "Impact of climate change on agrobiodiversity" organized by the Central University of Tamil Nadu, Thiruvavur on 30.11.2022.

### College News

### Fisheries College & Research Institute, Thoothukudi "Harvest Mela" at MRFF, DAQ, Tharuvaikulam:



Mariculture Research Farm Facility harvested lobsters, tiger shrimp, milkfish, pompano and seabass stocked in cages under NADP-funded Scheme on "Integrated Multi-Trophic Aquaculture (IMTA)" on 08.11.2022. The harvested fin and shell fishes were sold to local buyers and the public. Dr.G.Sugumar, Vice-Chancellor, TNJFU, Nagapattinam delivered the presidential address and he stated the importance of combining culture species at different trophic levels in mitigating the impact of waste discharge from cage culture and the scope for alternative sources of livelihood from the integrated farming system. Mr T.Vijayaraghavan, Assistant Director of Fisheries, Thoothukudi has detailed the subsidy schemes for cage culture and Dr.S.Athithan, Professor and Head, Department of Aquaculture has delivered the vote of thanks in this function. Dr.K.S.VijayAmirtharaj, Assistant Professor and Head i/c and Principal Investigator of the scheme coordinated and organized the overall program.



### Soft-skill programme:



A one-day off-campus special programme on "Team Building" was organized for the PG and PhD. Students on 03.11.2022 at Daya farms, Sawerpuram. Mr. D. Senthil Kannan, Director, PALMS,

Thoothukudi and Mr. Thanikaivel Pandiyan, Trainer conducted a very useful and interactive session on basic methods of improving leadership skills, self-confidence, attitude, entrepreneurship skills and work efficiency.

### Awareness Programme:



The awareness programme on **"World Tsunami Awareness Day"** was organised by the Department of Aquatic Environment Management, FC&RI, Thoothukudi on 05.11.2022. Dr.P.Padmavathy,

Professor and Head, welcomed the gathering. Dr.B.Ahilan, Dean, in his presidential address highlighted the importance of Tsunami Awareness among the students and staff. In this connection, essay writing slogan writing, poster making and elocution competitions were conducted.

### Students won the Prizes in the competition conducted by the VOC Port Trust:

As a part of Vigilance Awareness Week 2022, V.O.Chidambaranar Port Trust, Thoothukudi organized various competitions among the students for creating awareness. S.KaviRevanth, I B.F.Sc won First place in Elocution (English) and Students of II B.F.Sc received first prize in Singing.



### One-Day Programme:



One-day programme on 'Effective public speaking was jointly organized with the Rotary Club of Spic Nagar, Tuticorin on 10.11.2022. Dr.B.Ahilan, Dean, FCRI, delivered the guest of honour address and highlighted

the importance of public speaking. Dr.D.Manimekalai, Assistant Professor welcomed the gathering. Rtn. Radhakrishnan, the Assistant Governor, delivered the felicitation address. Rtn. Arun Jeyakumar highlighted the activities and overview of the rotary club. Rtn.Rengasamy served as the speaker for the session. 45 II BFSc students participated and actively interacted and improved their public speaking skills.

### One-Day Training:

Department of Aquaculture offered a one-day on-campus training programme on Periphyton Based Fish Farming on 10.11.2022. A field demonstration of periphyton-based fish farming was shown to the trainees. Dr. B. Ahilan, Dean, of Fisheries



College and Research Institute distributed the certificates to the participants. Mr. A.Anix Vivek Santhiya, Assistant Professor of this Department organized the training programme.

### One-day awareness programme:



To create awareness among the students' community about microalgae, a one-day awareness programme on "Commercially important marine microalgae for Industrial Applications" was conducted for

students from VOC College, Thoothukudi on 18.11.2022. A total of 25 students of B.Sc. & M.Sc. degree from the Department of Botany and Zoology have participated and benefited. Dr. B. Ahilan, the Dean, presided over the inaugural programme. Dr. P. Padmavathy, Professor and Head, of the Dept. of Aquatic Environment Management, welcomed the gathering. Dr. V. Rani, Associate Professor and Principal Investigator of the SERB Funded Project Co-ordinated the overall programme.

### Training on "Freshwater Ornamental Fish Farming":



Department of Aquaculture organized two days of training on "Freshwater Ornamental Fish Farming" from 15.11.2022 to 16.11.2022. The participants were taken on an exposure visit to the ornamental fish culture

unit of the Freshwater Fish Farm complex. Dr.B. Ahilan, Dean distributed the certificates to the participants and interacted with the trainees to motivate them to start their venture into the ornamental fish culture. Dr.C. Judith Betsy, Assistant Professor of this Department organized the training programme.

### National Webinar:

A National level virtual Webinar on "Emergence and spread of Antimicrobial Resistance in Aquaculture" was organized by the Department of Fish Pathology and Health Management on 16.11.2022.



The programme was organised as part of World Antimicrobial Awareness Week. Dr. G. Sugumar, Vice-Chancellor of TNJFU in his presidential address, commended the faculty of the Department of Fish Pathology and Health Management for organising the Webinar stating that the topic was the need of the hour. Dr. B. Chrisolite, Assistant Professor and Head, i/c Department of Fish Pathology and Health Management, FC&RI, Thoothukudi welcomed the participants. Dr.B. Ahilan, Dean, FC&RI, Thoothukudi spoke on this year's theme "Preventing Antimicrobial Resistance Together" Prof. IddyaKarunasagar, Advisor, Research and Patent at Nitte University, Mangalore



and international consultant in food safety, Dr.H.Sanath Kumar, Principal Scientist, ICAR-Central Institute of Fisheries Education, Mumbai and Dr.M.Karthikeyan, Director, Marine Products Export Development Authority, Kochi were the speakers.

### On-Campus Training:

Department of Aquaculture offered On Campus training programme on Freshwater Fish Culture from 18.11.2022 to 22.11.2022. Trainees from V.V. Vanniaperumal College for Women, Virudhunagar have participated. Dr.B.Ahilan, Dean distributed the certificates to the participants and spoke on the importance of this training programme to motivate the students' community to start up their farms.



### Skill development training programme:



The Department of Fish Processing Technology organized a one-day skill development training programme on "Pickle preparation" on 23.11.2022. A total of 20 participants from Theni district NGOs namely Bodi SamugaMunetra Sangam (SMS) and Sakti group participated in the above-said programme. The participants were given hands-on training in the production of fish and shrimp pickles. During the event, Dr. B. Ahilan, Dean, FCRI, Thoothukudi gave his input to the beneficiaries to turn into successful entrepreneurs. Dr. P. Ganesan, Project Co-ordinator, EDII-MPBIF, FC&RI, Thoothukudi organized this training programme.

### National Webinar:

One day National webinar on "National Webinar on Nature-Based Solutions: the opportunities and challenges for blue carbon" held on 30.11.2022 organized by the Department of Aquatic Environment Management, Fisheries College and Research Institute, Thoothukudi. Three distinguished speakers Mr A.Antony Xavier, Director Technical, CAA, Dr.A.Vennila, Principal Scientist and Dr. Dipnarayan Ganguly, from various reputed institutes across the country have been invited and delivered special lectures on various topics related to the opportunities and challenges for blue carbon. Dr.P.Padmavathy, Professor and Head of the Department of Aquatic Environment Management welcomed the gathering. Dr. B. Ahilan, the Dean, inaugurated the webinar.D. Manimekalai, Assistant Professor coordinated.

### Dr. M.G.R Fisheries College and Research Institute, Ponneri

### National Workshop "PONSHRIMP' 22":

The annual National Workshop "PONSHRIMP' 22" with the theme 'Shrimp culture towards reassuring environment

and nutrition sustainability' was conducted on 30.11.2022. The programme was inaugurated by Dr. K. Ambasankar, Principal Scientist, ICAR-CIBA in the presence of Guest of Honour, Thiru. Velan, Assistant Director of Fisheries, Ponneri and Dr. R. JeyaShakila, Dean. The technical session was followed by a panel discussion in which the participants mainly farmers clarified their doubts about shrimp culture with the experts who delivered lectures. A total of 130 participants including farmers representing different parts of the State along with the faculty and students attended the programme.



### Dr. M.G.R Fisheries College & Research Institute, Thalainayeru

### One Day Awareness Programme:



Department of Aquaculture, conducted one-day awareness programme on "Feed and feeding management in Aquaculture" in the adopted village, Vattakudi on 10.11.2022. The faculty members of DAQ have delivered lectures to 50 participants which include farmers, rural youth and farm women. A pamphlet on Feed and Feeding management was distributed to the participants.

### Communal Harmony Campaign Week – 2022:

Observed the "Communal Harmony Campaign Week" at the Panchayat Union Middle School, Oradiyampulam on 23.11.2022. The campaign was done to give wide publicity for mass awakening against violence which fractures social harmony. Awareness had been given to students of classes 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup>. Dr. M. Menaga, Assistant Professor and Ms. G. Ferolin Jessina, Assistant Professor (C) delivered a talk to create awareness among students. On this occasion, Flags were distributed to a total of 143 students, and teaching and non-teaching staff of the institute.



### College of Fisheries Engineering IQAC Quarterly meet:

IQAC quarterly meeting was conducted at CoFE on 2.11.2022. Dr.N.Manimehalai, Dean i/c, Chaired the meeting. Dr.S.Velvizhi, Principal Scientist, MSSRF, participated as an External Expert. Dr. T. Anand, Assistant Professor and Head and Member Secretary of CoFE- IQAC described the activities of IQAC for the said period. The quality mandates for improving Teaching, Research and extension were discussed in the meeting.

## HIV/AIDS, Mental health issues & Drug Abuse and Blood Donation Awareness 2022:

"HIV/AIDS, Mental health issues & Drug Abuse and Blood Donation 2022" was conducted on 17.11.2022 by CoFE. The chief guest's address was delivered by Mr.K.Sakthivel, Supervisor, District Head Quarters Hospital, Nagapattinam. Mr.N.Senthil Kumar, Consultant, District Head Quarters Hospital, Nagapattinam spread awareness about AIDS, Drug abuse and Mr. T. Rajesh Kannan elucidated about Blood donation and Ms Sudha, a Positive speaker, cleared the uncertainty about AIDS. Dr.N.Manimehalai, Dean i/c of CoFE preside over the event. The event was organised by NSS, RRC & UBA coordinators of Dr.M.Ramarand Er.S.Monikandon, Assistant Professors, CoFE.



## District Level First Prize in TANSACS Quiz Competition 2022:

Tamil Nadu State AIDS Control Society (TANSACS) conducted an online quiz competition on 21.11.2022. Ms. Narmatha Rani. N, IB.Tech (Fisheries Engineering) student received Nagapattinam District Level First Prize with a cash award of Rs.5000/- from Nagapattinam District Collector. The event was coordinated by NSS, RRC & UBA coordinators of Dr.M.Ramarand Er.S.Monikandon, Assistant Professors, CoFE.



## Institute of Fisheries Postgraduate Studies, Vainchavadi

### National Service Scheme Activity:



The students of IFBT (2020-2021 and 2021-2022) batches and NSS volunteers organized the campus cleaning activity on 16.11.2022, 17.11.2022 for the 2020-2021 batch, 23.11.2022 and 24.11.2022 for the 2021 - 2022

batch. 60 volunteers participated in cleaning of IFPGS campus and removed the small grasses, shrubs and all polybags on the campus. The programme was organized by Dr. S. Prakash, NSS officer, IFPGS, OMR Campus.

### Flag Day fundraising:

B. Tech (Biotechnology) and BBA (Fisheries Business Management) students of TNJFU OMR Campus were involved in 'Flag Day' fundraising in and around the OMR Campus, Chennai.

The programme was coordinated by Dr. S. Prakash (IFPGS) NSS Officer, Dr. G. Geoprincy (IFBT), Ms .N. Kalaiselvi (IFBT) and Dr. S. Karunakaran (FBS). A total of Rs. 21,468/- (Rupees Twenty one thousand four hundred and sixty-eight only) was collected by the students and sent to "The Secretary, National Foundation for Communal Harmony, New Delhi.



## Directorates

### Directorate of Extension Education Conducted sensitization programme:

Conducted sensitization programmes among the B.F.Sc., students and Probationary Officers, Indian Overseas Bank, Nagapattinam. Four numbers of Vigilance awareness programmes were conducted with the display of a Banner. Activities in Observance of Vigilance Awareness Week 2022 were posted on the social media of KVK such as Twitter and Face book to create Awareness of Corruption free India for a developed Nation. In this programme, 56 nos. of participants attended.



### Communal Harmony Campaign:



ICAR-Krishi Vigyan Kendra, Sikkal, Nagapattinam observed "The communal Harmony Campaign from 19.11.2022 to 25.11.2022 and Flag day on 25.11.2022. The Communal

Harmony Campaign week was celebrated among the farmers who attended the training programme at KVK, Sikkal. In this programme, a lecture was delivered on Communal Harmony, and Flag Day and also Flags were distributed to the participants. Funds were collected from the participants who attended the training programme.

### Directorate of Sustainable Aquaculture

#### Awareness Programme, EBCeSA – Bhavanisagar:

In connection with World Fisheries Day 2022, an awareness programme on the importance of "Inland Capture Fisheries and Ecosystem Conservation". An exhibition of fish in 19 tanks with 25 fish species was put on display. students and Teachers of





Government Higher Secondary School, Bhavanisagar visited the centre. After the explanation, the students visited the various demo units in the centre.

### **Directorate of Incubation and Vocational Training in Aquaculture**

#### **"Training programme:**

National Cooperation Development Corporation (NCDC) and the Directorate of Incubation and Vocational training in Aquaculture (DIVA) organised a two days workshop on **"Training programme on Fishing Harbour, Landing site operations and Waste Management"** by National Cooperation Development Corporation (NCDC) on 14.11.2022 & 15.11.2022. A total of 30 Participants from Kasimedu attended. In the programme class on clean management of fishing harbour, pollution management and best management practical was conducted.



#### **"Asian Seabass culture in Recirculatory Aquaculture System (RAS) workshop:**



The Directorate of Incubation and Vocational training in Aquaculture (DIVA) organised a one-day workshop on **"Asian Seabass culture in Recirculatory Aquaculture System (RAS)"** under the NADP-RKVY

2021-22 scheme entitled "Development of cost-efficient feeds and farming practices of Asian Seabass for fish farmers of Tamil Nadu on 29.11.2022. Participants (farmers and students) from the Chengalpattu and Kanchipuram districts of Tamil Nadu attended the programme. In the workshop programme, the Recirculatory Aquaculture System and its components along with the practices of seabass culture were demonstrated. Further, an exposure visit was also done. The technical details of RAS, the establishment of RAS and expenditure involved, operation of RAS, feeding and health management of Seabass in RAS were also explained to the participants.

### **Directorate of Incubation and Vocational Training in Fisheries**

#### **Five days Training Programmes:**

The Directorate of Incubation and Vocational Training in Fisheries (DIVF), and ICICI foundation, Rameswaram organized five days campus training programme on **"Care and maintenance of Marine Engine and Sea Safety"** from 31.10.2022 to 04.11.2022". A total of 32 fishermen from Vedhalai of Ramanathapuram district participated in the programme. The training programme included various aspects related to the Care and Maintenance of Marine engines and Sea Safety such as handling GPS, Seamanship appliances,

Chart work, Navigational signals, and Marine engine repair and maintenance. During the valedictory function of Mr.Gokula Krishnan, Development Officer, ICICI Foundation for inclusive growth, Rameswaram participated as chief guest and distributed the certificates to the trainees.

#### **Common Events**

##### **Vigilance Awareness Week :**



##### **Constitution day:**



From

Director of Extension Education  
Tamil Nadu Dr. J. Jayalalithaa  
Fisheries University  
Vettar River View Campus,  
Nagapattinam - 611 002.

### World Fisheries day:



### National Integration Day:



### Jan Jatiya Gaurav Divas



### Research Publications

1. Thamizhselvan Surya, Geevaretnam Jeyasekaran, **Robinson JeyaShakila, Balasubramanian Sivaraman, Rajendran Shalini**, Shanmugam Sundhar, **Ulaganathan Arisekar** (2022) Prevalence of biofilm-forming Salmonella in different seafood contact surfaces of fishing boats, fish landing centres, fish markets and seafood processing plants Microbiological Research 185 : 114285 **(NAAS Rating 11.50)**
2. Surya, T., Jeyasekaran, G., **Shakila, R.J.**, Alsalihi, M. S., Devanesan, S., **Sivaraman, B. Arisekar, U.**, and Pham, T.H., (2022) Effect of antibiotics and Sanitizers on Salmonella biofilms Associated with Seafood contact surfaces Microbiological Research 266 : 127213 **(NAAS Rating 11.01)**
3. **Arisekar, U., Shakila, R.J., Shalini, R.**, Jeyasekaran, G., Arumugam, N., Almansour, A.I., Keerthana, M. and Perumal, K (2022) Bioaccumulation of organochlorine pesticide residues (OCPs) at different growth stages of pacific white leg shrimp (*Penaeus vannamei*): First report on ecotoxicological and human health risk assessment. Chemosphere 308 : 136459 **(NAAS Rating 13.94)**

"சோதனை கடந்து சுதந்திரம் அடைந்தோம்  
சாதனை புரிந்து சரித்திரம் படைப்போம்."