TAMIL NADU Dr.J.JAYALALITHAA FISHERIES UNIVERSITY

UNIVERSITY NEWSLETTER

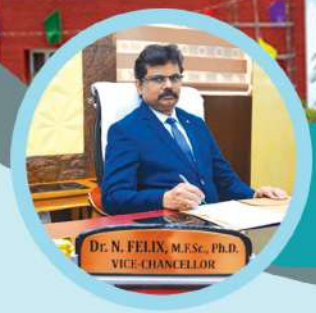
TNJFU

VOL.04 NO.02
FEBRUARY 2025

Editor-in-chief
Dr.**N.Felix** Ph.D.,
Vice-Chancellor

Editor
Dr.**P.Padmavathy** Ph.D.,
Director of Extension Education

Committee Members
Dr.**P.Umamaheshwari**
Assistant Professor
Dr.**N.Muralidharan**
Assistant Professor
Mrs.**S.J.Abisha Juliet Mary**
Assistant Professor



From the Desk of Vice - Chancellor ...

Dear Readers,

Wetlands are ecosystems encompassing freshwater, marine, and coastal ecosystems, including lakes, rivers, swamps, marshes, mangroves, coral reefs, and human-made sites, where water is the primary factor controlling the environment and life that is associated with them. Wetlands provide essential ecosystem services, such as water regulation, flood control, and water purification. More than a billion people worldwide rely on wetlands for their livelihoods, as these ecosystems are critical to people and nature due to their environmental, ecological, social, economic, scientific, educational, cultural, recreational, and aesthetic contributions to sustainable development and human well-being. Wetland biodiversity is vital for health, food supply, tourism, and jobs. With the theme "Protecting Wetlands for Our Common Future," we commemorate World Wetlands Day 2025 and acknowledge the vital role wetlands play in maintaining biodiversity, human well-being, and climate resilience.

The TNJFU – Technologies Release Program (2025) was successfully conducted at the Directorate of Incubation and Vocational Training in Aquaculture (DIVA), Muttukadu, on 12.02.2025. The event was graced by the Honourable Minister for Fisheries, Fishermen Welfare and Animal Husbandry, Thiru. Anitha R. Radhakrishnan. He inaugurated the shrimp farming operation in the lined ponds by releasing shrimp seeds into the pond. The Honourable Minister also inaugurated the Technology Exhibition, where distinguished inventors showcased their latest innovations and technological advancements in the aquaculture sector. The TNJFU – Technologies Release Program (2025) marked yet another milestone in the university's mission to bridge the gap between research and real-world applications, ensuring that advancements in fisheries and aquaculture benefit stakeholders at all levels. The compendium of eighteen technologies developed by TNJFU was released by the Honourable Minister for the benefit of the farming community. The Honourable Minister for Fisheries, Fishermen Welfare, and Animal Husbandry, along with other dignitaries, officially launched CMR Vannamei shrimp feed, a new formulation made by TNJFU to optimise shrimp growth and productivity. As part of the launch, feed bags were distributed to farmers, symbolising the transfer of technology from research to practical applications in the fisheries sector.

Dr. N. Felix, Ph.D.,
Vice-Chancellor

Published by
Director of Extension Education
Tamil Nadu Dr.J.Jayalalithaa
Fisheries University
Vettar River View Campus,
Nagapattinam - 611 002
Phone : 04365 256434 / 436
Email : dee@tnfu.ac.in

VC EVENTS

TNJFU - Technology Release Programme 2025

The Hon'ble Minister for Fisheries, Fishermen Welfare and Animal Husbandry Thiru. Anitha R. Radhakrishnan released 18 New Technologies of Tamil Nadu Dr. J. Jayalalithaa Fisheries University on 12.02.2025 at Directorate of Incubation and Vocational Training in Aquaculture (DIVA), Muttukadu, Chennai. He was given a warm welcome by the Hon'ble Vice-Chancellor and explained the new technologies developed by TNJFU. The Hon'ble Minister inaugurated the Technology Exhibition, where distinguished inventors showcased their latest innovations and technological advancements in the aquaculture sector. He also inaugurated the shrimp farming operation in the lined ponds by releasing shrimp seeds into the pond.

The Hon'ble Minister for Fisheries, Fishermen Welfare, and Animal Husbandry, along with other dignitaries, officially launched CMR Vannamei shrimp Feed, a new formulation made by TNJFU to optimize shrimp growth and productivity. As part of the launch, feed bags were distributed to farmers, symbolizing the transfer of technology from research to field applications.

During the occasion Thiru. S. S. Balaji, MLA of Thiruporur constituency, Tmt. R. Gajalakshmi, IAS, Director of Fisheries, Dr. M. Rajakumar, Director of Research i/c., Dr. P. Padmavathy, Director of Extension Education i/c., Dr. A. Uma, Director, DIVA and Ms. C. Mohana Rekha, Managing Director, CMR Feeds Pvt. Ltd., Chennai were Present.









Gunvatta Yatra on NABL Accreditation and Its Benefits



The Hon'ble Vice-Chancellor participated and delivered the presidential address in the inaugural session of the Gunvatta Yatra on NABL Accreditation Jayalalithaa Fisheries University in collaboration with the National Accreditation Board for Testing and Calibration Laboratories (NABL), a constituent board of the Quality Council of India at TNJFU – Institute of Fisheries Post Graduate Studies, Vaniyanchavadi, Chennai on 13.02.2025. The technical sessions commenced with Mr. Ranjith Kumar, Deputy Director, NABL Regional Centre, Bengaluru delivering a session on NABL Accreditation and its Benefits. The second technical session, led by Ms. Sangavi, Executive Officer, NABL Regional Centre, Bengaluru, focused on the Accreditation Process and How to Apply for NABL Accreditation through the Online Portal. Participants were given a step-by-step guide on the application process, documentation requirements, and assessment criteria. The event concluded marking the successful completion completion of the Gunvatta Yatra on NABL Accreditation and Its Benefits. A total of 31 participants including faculty members, research scholars, and laboratory personnel gained valuable insights into NABL accreditation and its importance in ensuring high-quality laboratory standards.



26th Convocation of EGS Pillay Arts & Science College

The Hon'ble Vice-Chancellor participated as Chief Guest in the 26th Convocation of Edayathangudy G.S. Pillay Arts & Science College, Nagapattinam on 22.02.2025, awarded degree certificates and delivered the Convocation address to the young graduates.





University Officers Meeting

The Hon'ble Vice-Chancellor conducted the 76th University Officers meeting at the Board Room, TNJFU, Nagapattinam on 27.02.2025.





College News

Fisheries College & Research Institute, Thoothukudi

Special programme



• A special session on "Yoga Muthras and their Benefits" was held on 06.02.2025 at FC&RI, Thoothukudi. Conducted by Dr. D. Natarajan, the event saw active participation from 98 students and was presided over by Dean Dr. B. Ahilan.



• A special programme on "Vocalize" was held on 13.02.2025 at FC&RI, Thoothukudi. Conducted by Toastmasters, it benefited 88 students through interactive sessions. The event was presided over by Dean Dr. B. Ahilan and coordinated by Dr. Ravikumar and Dr. A. Anix Vivek Santhiya.

National Science Day

National Science Day was celebrated on 28th February 2025 at FC&RI, Thoothukudi by the Science Club of the



Students' Association 2024-25 under the theme "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharath." Events included poster making, Tamil and English essay writing, innovative idea write-ups, science riddles, and Rubik's cube solving.

Training program on "Fisheries Data Analysis using Statistical Software"

Training Programme on "Fisheries Data Analysis using Statistical Software" was organised by the Department of Fisheries Extension, Economics and Statistics from 27th to 28th February 2025. The training included theory and practical sessions on SPSS, AMOS, R, R Studio, and Mendeley. A total of 27 PG and Ph.D. scholars participated.





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

World Wetland Day

The Science Club observed World Wetland Day on 02.02.2025 with a painting competition themed "Protecting Wetlands for Our Common Future." Dean Dr. R. Jeya Shakila awarded the winners.

Special lecture

Students Placement and Career Guidance Cell (SP & CGC) of the college organised a special lecture on 05.02.2025. Mr. Rajasekar from Veranda IAS Academy guided students on overcoming fear in UPSC/TNPSC preparation. A mini test and a WhatsApp group for study materials were also initiated.





Guest lecture

The Students' Association organised a lecture on "How to Crack Your First Interview & Build a Standout Resume" by Mr. M. K. Sanjay Prasad, MBA Scholar, ISSM B-School, Chennai, on 13.02.2025. Dr. R. Jeya Shakila, Dean, inaugurated the event and honoured the speaker.





National Science Day



National Science Day was celebrated on 28.02.2025 by conducting various programs such as essay writing and drawing, slogan writing competitions on the topics of "Future of Science and Technology in Fisheries" and "Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat", respectively. The winners were awarded certificates and medals.



Awareness program on Cleanliness

An awareness program on "Cleanliness" was held on 28.02.2025 in collaboration with the Ponneri Municipal Corporation. Ms. S. K. Bushra inspired students under the Swachh Bharat Urban initiative. Dean Dr. R. Jeya Shakila inaugurated the event. Dr. K. Masilan coordinated the programme.





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

UBA-funded training programme



UBA-funded training on "Women Empowerment through the Development and Commercialization of Fish Kure" was held on 06.02.2025 with 46 women from 30 SHGs in Umbalachery Village.

Training Programme on "Seed Production and Rearing of Striped Murrel"

The Department of Aquaculture, Dr. M.G.R. FC&RI, Thalainayeru, organized a one-day training on "Seed Production and Rearing of Striped Murrel" on 18.02.2025.

Twenty-one farmers attended. Dr. K. Veerabhadran, Dean (i/c), distributed certificates and pamphlets to participants.



Training Programme on "Seabass culture in low-saline water"



The Department of Aquaculture, Dr. M.G.R. FC&RI, Thalainayeru, conducted a one-day training on "Seabass Culture in Low Saline Water" on 26.02.2025. Dr. K. Veerabhadran, Dean (i/c), released the training manual. Eighteen participants from various regions attended the program.

National Science Day-2025

Dr. MGR Fisheries College, Thalainayeru, celebrated National Science Day on 28.02.2025, with 44 government school students. The event featured a model exhibition, a Quiz competition, and an Idea Presentation for college students. Winners received cash prizes of Rs. 500 and Rs. 300, along with certificates.





Capacity Building Training Programme



Two-day Capacity Building Training Programme on Gram Panchayat Development Plan (GPDP) for faculty members of The Academic Institutions and Institutions of Excellence program was held on February 27-28, 2025, at the SIRD campus in Chennai. Representing Tamil Nadu Dr. J. Jayalalithaa Fisheries University (TNJFU), Mrs. S. Vimaladevi, Dr. P. Elakkanai, and Dr. A. Brita Nicy actively participated in the event.



Student participation in 14th AFAF



Mr. N.Imran Mohammed of IV B. F.Sc. participated and presented a research paper at 14th Asian Fisheries and Aquaculture Forum (14th AFAF) held at the ICAR Convention Centre, New Delhi, on February 12 -15, 2025.

College of Fish Nutrition and Food Technology, Madhavaram-Chennai

Industrial Visit to Hindustan Coca Cola



On 8th February 2025, the College of Fish Nutrition and Food Technology organized an industrial visit for 42 final-year B.Tech. Food Technology students to Hindustan Coca-Cola Beverages plant, Chennai. Students explored the company's products, departments, certifications, and production processes.





Industry-Academia Interaction



On 15th February 2025, CFNFT organised an Industry-Academia Interaction event on "Career Opportunities as Food Regulatory Specialist." Ms. Preetha Specialist." Ms. Preetha Palanisamy, Manager, India Regulatory Affairs at Symrise India Pvt Ltd, Chennai,



was the guest speaker. Sixty-two Food Technology students learned about FSSAI, food regulatory challenges, compliance, and career building in food safety and regulations.

Directorates

Directorate of Extension Education, Nagapattinam

Live streaming of KISAN Samman Samaroh on 24 February 2025



On 24th February 2025, ICAR-KVK, Nagapattinam organised an awareness program on the Hon'ble Prime Minister Kisan Samman Nidhi Scheme for the release of its 19th instalment. The event, live-streamed from Bhagalpur, Bihar, was inaugurated by



Dr. A. Gopalakannan Programme Coordinator, KVK. Mr. S. Kannan, Joint Director of Agriculture, Nagapattinam, delivered the keynote address. The program featured an exhibition, briefing on the scheme, and experiences shared by beneficiaries. Four outstanding farmers were honoured, and over 65 farmers participated in the event.

Directorate of Sustainable Aquaculture, Nagapattinam

Trichy Centre for Sustainable Aquaculture



Three days of TNIAMP training on "Freshwater fish farming" was conducted at Melavalady, Lalgudi, Trichy dt. from 12.02.2025 to 14.02.2025;



a total of 110 fish farmers, entrepreneurs and interested youth attended the programme. The lectures were on fishpond construction, fish rearing practices and their economic returns, management aspects of feeding, water quality and diseases.

Thanjavur Centre for Sustainable Aquaculture



A one-day "Agro Tour" programme was coordinated by Thanjavur Tourism Development Corporation to Thanjavur Centre for Sustainable Aquaculture, Soorakottai on 16.02.2025. The team comprised of agricultural farmers, entrepreneurs, and school students. A total of 18 tourists were enriched with knowledge on basic freshwater edible fishes, advanced fish culture techniques, fish pond construction, backyard ornamental fish farming, and zero/less water exchange systems.



Kanyakumari Ganapathipuram Centre for Sustainable Aquaculture



A three-day training program on "Best Management Practices and Diversification of Aquaculture for Aqua Farmers" was jointly organised by KKGCeSA, Ganapathipuram, in collaboration with MPEDA, Nagapattinam, from February 18 to 20, 2025, at KKGCeSA, Ganapathipuram. The program was attended by 30 participants.

Krishnagiri Barur Centre for Sustainable Aquaculture



One-day paid training program on "Fish Farming" was conducted at Training Hall, KBCeSA, Barur, Krishnagiri, on 20-02-2025. A total of 23 beneficiaries from National Agro Foundation, Krishnagiri attended the training program and



lectures like pond formation, , quality seed selection and stocking, water and feed quality management, fish marketing, were delivered to the participants. Followed by the lectures,

KBCeSA, Barur farm and hatchery activities were demonstrated to trainees.

Theni Centre for Sustainable Aquaculture



A one-day on-campus training program was conducted on February 21, 2025 under the Loach Scheme at Theni CeSA. A total of 28 participants attended the program, coming from various districts including Theni, Sivaganga, Virudhunagar, Madurai, Pudukottai, Coimbatore, and Ramanathapuram. The participants were also given lectures and demonstrations on loach farming as an entreprise. Certificates were distributed to all participants, and feedback from participants were documented.



Directorate of Incubation And Vocational Training in Aquaculture, Muttukadu-Chennai

Visit of Principal Secretary, Animal Husbandry, Dairying, Fisheries and Fishermen Welfare to DIVA



On 15.02.2025, Dr. N. Subbaiyan IAS, Secretary of Animal Husbandry, Dairying, Fisheries, and Fishermen Welfare Department, visited the DIVA campus at Muttukadu. Accompanied by Department of Fisheries staff, he inspected various facilities, including classrooms, laboratories, feed mill, culture ponds, and aquaculture systems. He discussed the feed production process with staff.



Bird watching at Muttukadu



Forty-four B.voc (IA) students and two staff members from DIVA participated in a bird-watching event conducted by the Environmentalist Foundation of India (EFI) at Muttukadu backwaters on 15.02.2025. Mr. Keshav Sumesh 2025. Mr. Keshav Sumesh Kartha, a volunteer from EFI, briefly explained to the students. A variety of beautiful bird species, including Pelicans, Sandpipers, Greater Egrets, and Spotted Storks were spotted. Knowledge regarding the bird species, habitats, migration patterns, and food web was shared with the students by the expert, Mr. Sriram.



First aid awareness programme conducted at DIVA



On 05.02.2025, the Directorate of Incubation and Vocational Training in Aquaculture (DIVA) organized a "First Aid Awareness Programme" in collaboration with Arockia Bharathi, NGO, Chennai, for the B.Voc (IA) Programme. A total of 50 participants benefited from the training. Dr. A. Uma, Director of DIVA, highlighted the importance of first aid, while Dr. Nirmala and six internship students provided hands-on training, including CPR and emergency response strategies. Participants actively practiced first aid techniques through simulated real-life scenarios.



Directorate of Incubation And Vocational Training in Fisheries, Ramanathapuram

TNSDC Ramanathapuram District jointly organised the seven-day off-campus training on "Boat Driver License Certificate Course" from 30.01.2025 to 06.02.2025 under the Naan Mudhalvan scheme. 20 fishermen from the Mandapam and Rameshwaram area participated in the training.

Newly Sanctioned Projects: 2

Sl. No	Title of the project	Budget (Rs. in lakhs)	PI	Funding Agency
1.	Controlling the spread of invasive Charru mussel, *Mytellastrigata* in dredged areas of Ennore Creek, Chennai through recurrence assessment, education strategies and ecosystem restoration.	22.63	Mrs. B. R. Sona	Tamil Nadu State Wetland Authority, Chennai
2.	Value addition of invasive Charru mussel from Ennore Creek as Biofertilizer and Mineral mix	11.11	Dr. K. Masilan	Tamil Nadu State Wetland Authority, Chennai

UNIVERSITY NEWSLETTER - TNJFU - Monthly, RNI No : TNENG/06154/2020 Book - Post

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

Common Events

International Mother Tongue Day



FC&RI, Thoothukudi



Dr.MGR.FC&RI, Ponneri



Dr.MGR.FC&RI, Thalainayeru



IFPGS, Vaniyanchavadi

Research Publications

- Adyasha Sahu, V.K. Venkataramani, Sanjay Chandravanshi, **Sudhan Chandran,** Roshan Kumar Ram, Narsingh Kashyap, Lavkush. (2025). Carapace Length/Width-Weight Relationships and Relative Condition Factor of Two Commercially Important Charybdis Species of the Gulf of Mannar, Southeast Coast of India. Indian Journal of Animal Research. 1-7. doi: 10.18805/IJAR.B-5370. Online accepted **[NAAS Rating: 6.40, Scopus Index: 0.233].**
- R.G. Sasikumar, **S. Santhoshkumar, P. Pavinkumar, R. Velmurugan,** R. Kumaran and B. Paplin Prince (2025). Biological Traits and Population Characteristics of Japanese Threadfin Bream, *Nemipterus japonicas* from the Coromandel Coast of Tamil Nadu, India. Thalassas: An International Journal of Marine Sciences. 41:54, https: //link.springer.com/article/10.1007/ s41208-025-00808-4. **[NAAS Rating: 6.7, Scopus Index: 0.281].**
- Kiruba-Sankar, R., **Selvam Kesavan*.,** Adamala, S., Saravanan, K., Eswaran, Y., Raj, J.P., Soratur, A. and Ram, M., 2025. First assessment of anthropogenic marine debris (AMD) in the mangroves of Andaman and Nicobar archipelago, Bay of Bengal. *Regional Studies in Marine Science,* p.104091. **[NAAS Rating: 8.1, Scopus Index: 0.508].**

"சோதனை கடந்து சுதந்திரம் அடைந்தோம்
சாதனை புரிந்து சரித்திரம் படைப்போம்."