TAMIL NADU Dr.J.JAYALALITHAA FISHERIES UNIVERSITY

UNIVERSITY NEWSLETTER

TNJFU

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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,

In today's rapidly changing world, fisheries entrepreneurship is more crucial than ever. As we face the twin challenges of overfishing and rising population, there is an urgent need for innovative solutions that promote sustainability while meeting the growing demand for seafood. Fisheries entrepreneurship offers a way forward by encouraging the development of new technologies, business models, and practices that prioritise both economic growth and environmental stewardship. The 1st Indian Fisheries Students Innovation & Startup Conference (IFSISC 2025) was a notable step taken by TNJFU to nurture a start-up culture among the fisheries students. The Indian Fisheries Students Innovation & Startup Conference (IFSISC 2025), held on March 14, 2025, in Chennai, successfully promoted innovation, entrepreneurship, and research in the fisheries and aquaculture sectors. With the theme "Reimagining Indian Fisheries @ 2047", the conference brought together 475 students from across India who presented 265 innovative ideas through technical sessions, panel discussions, a startup hackathon (FISHATHON 1.0), and poster presentations. The conference focused on seven thematic areas, including sustainable aquaculture technologies, seafood processing innovations, genetics and biotechnology, environmental management, fishing technology, market dynamics, and entrepreneurship. 23 winners from seven thematic areas of poster/prototype presentations were awarded prizes for Best Ideas, and six toppers among them were chosen for the Startup Pitch, each finalist receiving Rs. 5000 as a cash prize. The winner of the Startup Pitch received the 'TNJFU-Prof. M.C. Nandeesha Best National Startup Award' trophy.

Alumni play a vital role in upholding the legacy of our institution. Alumni are ambassadors, mentors, and contributors to the fields that they have ventured into. The potential for positive change that we, as fisheries professionals, hold is immense, and our shared experiences and expertise are invaluable. The TNJFU Alumni Network Meeting strengthened the alumni connections, featuring insightful talks, engaging interactive sessions, and the election of new office bearers to guide future initiatives. The series of events organised by TNJFU as part of the TNJFU Alumni Convention 2025 were a resounding success, fostering innovation, professional networking, and alumni engagement.

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

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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

Academic Council Meeting of CIFE

The Hon'ble Vice-Chancellor participated in the 60th Academic Council Meeting of ICAR-Central Institute of Fisheries Education, Mumbai through online on 07.03. 2025.

Celebration of International Women's Day at TNJFU

The Hon'ble Vice-Chancellor participated and delivered the special address in the celebration of International Women's Day at the University headquarters on 07.03. 2025.





TNJFU Alumni Convention 2025

Tamil Nadu Dr. J. Jayalalithaa Fisheries University conducted its Alumni Convention 2025 for three days from 14.03.2025 to 16.03.2025 at Madhavaram, Chennai.

1st Day - 1st Indian Fisheries Students Innovation & Startup Conference (IFSISC 2025)

TNJFU organised the 1st Indian Fisheries Students Innovation and Startup Conference (IFSISC-2025) themed 'Reimagining Indian Fisheries @2047' in Chennai on 14th March 2025. The inaugural session was graced by Dr. Joykrushna Jena, Deputy Director General (Fisheries Science), ICAR, New Delhi, as Chief Guest, Dr. N. Felix, Vice-Chancellor, TNJFU, delivered the Presidential Address and highlighted the role of fisheries sector in 2047 and Dr. Bijay Kumar Behera, Chief Executive, NFDB, Hyderabad, participated as Guest of Honour. So many innovative ideas, novel prototypes were showcased by the students, and insightful conversations and valuable connections were made. 475 students from 46 colleges across India participating and exhibiting over 180 posters and 85 prototypes in the event. 23 winners from seven thematic areas of poster/ prototype presentation were selected, out of which 6 toppers were chosen for the Startup pitch and were awarded the cash prize of Rs.5000/- each. The final winner of Startup Pitch was awarded with a trophy – 'TNJFU-Professor Nandeesha National Startup Award.'

The Valedictory Function was presided over by Dr. N. Subbaiyan, IAS, Secretary to the Government (Animal Husbandry, Dairying, Fisheries & Fishermen Welfare, Tamil Nadu), who stressed the importance of sustained improvements in fisheries, while Dr. N. Felix highlighted the success of the event and future directions.











2nd Day – TNJFU Alumni Network Meeting

The TNJFU Alumni Network Meeting was conducted in Madhavaram, Chennai on 15th March 2025 as part of the TNJFU Alumni Convention. The Hon'ble Vice-Chancellor delivered the presidential address, Tmt.R.Gajalakshmi, IAS, Commissioner of Fisheries, Fisheries and Fishermen Welfare Department, Govt. of Tamil Nadu, and Mr.N.M. Mylvaharan, IPS, Inspector General of Police, Govt. of Tamil Nadu were participated and delivered the motivational speech. The event brought together over 250 alumni and students, fostering a strong sense of camaraderie, motivation, and professional networking. The meeting commenced with the arrival of alumni, registration, and networking, followed by an invocation and the traditional lighting of the lamp, setting an auspicious tone for the day.





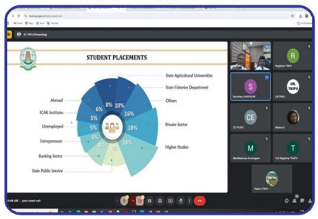
3rd Day – TNJFU Alumni Homecoming Cricket Match

The TNJFU Alumni Homecoming Cricket Match was conducted on 16th March 2025 at Chennai in the presence of Mr.N.M.Mylvahanan, IPS, IGP, who graced the occasion and encouraged the participants. The event aimed to foster camaraderie and strengthen the bond among alumni while promoting a spirit of sportsmanship.





Online Meeting with the Secretary



The Hon'ble Vice-Chancellor participated in a online Meeting with the Secretary to Government, Animal Husbandry, Dairying, Fisheries and Fishermen Welfare Department, Government of Tamil Nadu on 25.03.2025. The Registrar, Controller of Examinations i/c., and the Director of Research i/c., of TNJFU were also present in the meeting.

Online Meeting with the Secretary

The Hon'ble Vice-Chancellor conducted a review of the Junior Teacher Research Fellowship (JTRF) projects on 27.03.2025 at the Board Room, TNJFU Headquarters, Nagapattinam along with the Director of Research i/c., TNJFU.

College News

Fisheries College & Research Institute, Thoothukudi

Awareness Programme on Women and Child Welfare Schemes

On 06.03.2025, a special awareness programme on "Awareness on Welfare schemes and acts related to Child and Women" was held for UG, PG, and PhD girl students. Officials from Social Welfare, Police, and related departments led the session.





International Women's Day



The Students' Association of Fisheries College and Research Institute, Thoothukudi, celebrated International Women's Day on 8th March 2025 with the theme 'Accelerate Action'. Competitions like essay writing, poem writing, and debate were held. Chief Guest Mrs. A. Swarnalatha addressed the gathering and distributed prizes.

FIZZOREE & FISFEST 2025

Organised two inter-collegiate events in March 2025. The quiz competition "FIZZOREE 2025" was held on 20.03.2025, where Dr. MGR FC&RI, Thalainayeru, won the Delphinus Trophy and a cash prize of ₹3,000. Mrs. N. Chandra, Joint Director of Fisheries, was the Chief Guest. On 21.03.2025, the cultural event "FISFEST 2025" saw participation from 11 colleges in various events. V.O.C. College, Thoothukudi, emerged as the overall champion.





Training programme on 'Preparation of value-added fish products'

A training programme entitled "Preparation of value-added fish products" was organised at the Department of Fish Processing Technology, FCRI, Thoothukudi on 26.03.2025. Techniques for preparing fish pickles, prawn pickles, fish thokku, fish cutlets, fish balls and fish burgers were taught and demonstrated. Twenty-four entrepreneurial persons (11 men and 13 women) from all over Tamil Nadu participated and benefitted from the programme.





Training program on "Freshwater ornamental fish culture"

A training programme on "Freshwater Ornamental Fish Culture" was conducted by the Department of Fisheries Extension, Economics and Statistics on 28.03.2025. Topics included important ornamental species, breeding techniques, water quality management, and disease control.

Training programme on "Microbial Quality Testing of Fish and Fishery Products"



A five-day training programme on "Microbial Quality Testing of Fish and Fishery Products" was held at the Department of Fish Quality Assurance and Management, FCRI, Thoothukudi from 24.03.2025 to 28.03.2025. Nine industry participants attended. Hands-on sessions covered seafood pathogen identification, microbial enumeration, and good laboratory practices.

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

World Women's Day

International Women's Day was celebrated at the institute on March 8, 2025. The Chief Guest spoke on the theme "For All Women and Girls: Rights. Equality. Empowerment." Students performed dances and Silambattam, and fun games were organised.




National Workshop on Climate Change

A National Workshop on "Sustaining Aquatic Ecosystems in Changing Climate: Resilience, Mitigation and Adaptation Strategies" was held on March 20, 2025, at the institute with 116 participants. Chief Guest Mr. Vivek Kumar P. Yadav, IFS, inaugurated the event. Six technical talks were delivered by experts from leading institutions.




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

Hands-on training program on "Biofloc Based Aquaculture"

The Department of Aquaculture at Dr. M.G.R. Fisheries College and Research Institute, Thalainayeru, successfully organised a one-day hands-on training program on "Biofloc Based Aquaculture" on 18.03.2025. A total of 6 farmers from various regions actively participated in the training.




Women's Day Celebration -2025

International Women's Day was celebrated on March 7, 2025, featuring speeches by the Dean (i/c) and first- and third-year B.F.Sc. students on the significance of the day. Competitions such as fancy dress and fashion walk were held, with 120 students, teaching, and non-teaching staff participating.

World Water Day 2025



World Water Day 2025, held on March 21, featured a special talk on water conservation in fisheries. Dr. Narayana Kumar, CMFRI Chennai Centre, emphasised on the importance of sustainable water management.

Senior National Tennikoit Championship



Mr. S. Karthik Raja, a IV-year B.F.Sc student participated in the 48th Senior National Tennikoit Championship, organised by the Tamil Nadu Tennikoit Association, held at Kalinga Stadium, Bhubaneswar, from 25th to 29th March 2025. He won 2 gold medals in the team championship and individual doubles. He was awarded by Shri Rajeev Sharma, President of the Tennikoit Federation of India.

College of Fisheries Engineering, Nagapattinam

Training on Hygienic production and better packaging techniques of cured fish



A training program on "Hygienic production and better packaging techniques of cured fish" was conducted from 25th to 27th February 2025, with six participants. Lectures on production, packaging, marketing, and drying techniques were delivered.

Training Programme on Shrimp Farming

A one-day training programme on "Shrimp Farming" was conducted on 04.03.2025. A total of 21 participants from various districts of Tamil Nadu participated in the training program. Technical sessions and field visits were performed during the training programme.

International Women's Day Celebration 2025

The College of Fisheries Engineering, Nagapattinam, celebrated International Women's Day on March 7, 2025, with Chief Guest Mrs. K. Thivya Prabha, DSWO. The event included speeches, cultural performances, and awareness sessions on women's empowerment and safety.

Start-up snap (Biz plan) at Pondicherry University

Miss. K. Vanapriya, third year Fisheries Engineering, won second prize in the startup snap (Biz plan) conducted by Pondichery University, Karaikal campus on 21.03.2025, for the hybrid fish descaling machine start-up business plan presentation with a cash prize of Rs. 1000/-

Women Hackathon

Six female students from CoFE participated in the Women Hackathon at Periyar Maniyammai Institute of Science and Technology, Vallam, in association with TANCAM, on 21st March 2025. They presented their ideas under the theme “Smart Technologies in Fisheries Engineering.”

Institute of Fisheries Postgraduate Studies, Vaniyanchavadi-Chennai

BBA Students Excel at Product Design Event

Students of the TNJFU-Fisheries Business School, BBA (FEM) 2022-23 batch, showcased their innovation and entrepreneurial skills at the Business Empire Endeavours event organised by the Department of Management Studies, St. Joseph’s College of Technology, Chennai, on March 13, 2025. The team secured First Prize in the Product Design category.





Inauguration of Students’ Association at TNJFU OMR Campus



The Student’s Association 2024-2025 of the Institute of Fisheries Biotechnology and Fisheries Business School was inaugurated on 25.03.2025 at TNJFU OMR Campus, with Dr. K. Rajeshwari as Chief Guest. The plan for the year was presented by Mr. Joseph and Mr. Yoga Prakash.

Women’s Day celebrated at TNJFU OMR Campus

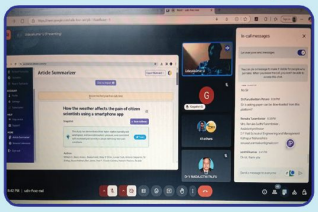
Women’s Day was celebrated at TNJFU OMR Campus, Vaniyanchavadi, on 25.03.2025, with Dr. K. Rajeshwari as Chief Guest. Events like speeches and dance programs were organised to honour women's achievements.





National-Level Online FDP on Ethical Implications of AI in Research

The Fisheries Business School (FBS) successfully organised a two-day national-level online Faculty Development Program (FDP) on "Ethical Implications of AI in Research Methods" held on March 28-29, 2025, featuring sessions by Dr. U. Udayakumar and Dr. N. Ganesh. The program explored ethical considerations in AI use for academic research, with 60 participants, including faculty and scholars from across the country, engaging in critical discussions on responsible AI integration in research.





College of Fish Nutrition and Food Technology, Madhavaram-Chennai

BIS Standards Club Fest

The BIS Standards Club of CFNFT celebrated “CFNFT BIS STANDARDS CLUB FEST 2025” on 1st March 2025 with the theme “Nourishing the Future: Standardising Food Technology for a Sustainable World.” Over 40 students from various institutions participated. Dean Dr. Usha Antony launched the club logo online. Events included a digital poster contest, BIS Quiz Whiz, and an essay competition, with winners receiving certificates and cash prizes.





Workshop on Intellectual Property Strategies in Biotechnology and Food Technology



A one-day workshop titled “Nurturing Innovation: IP Strategies in Food Technology and Biotechnology” was held on 6th March 2025, sponsored by AFST(I), Chennai Chapter, and CIPAM. Experts, including Dr. Sanu Jacob and Dr. M. R. Ramasubramaniyan, addressed participants. Ms. S. Gomati Padma Thilaga released the digital workshop compendium. Sessions covered patents, GI, traditional knowledge, and IP commercialisation. Participants gained insights into IPR fundamentals and received certificates.

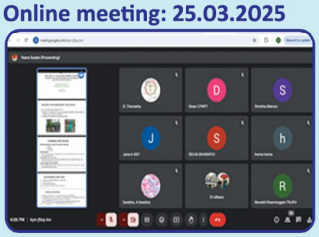
First Aid Awareness Program: 20.03.2025

First aid awareness program was conducted for the Ist and IIIrd year students of B.Tech. Food Technology students of CFNFT. The students were trained on the importance of first aid and the various techniques, including CPR, first aid in case of fractures, etc. by Mr. K.Sundarajan, Lecturer in First Aid, St.John Ambulance, ICF, Chennai.





CFNFT Eco Club and Nizhal NGO Online meeting: 25.03.2025



An online meeting was arranged for the CFNFT Eco Club and Nizhal NGO to review ongoing activities. Mr.Veerasudan presented updates, while Ms. Shobana Menon suggested steps like planting, drip irrigation, and composting.

Science Exhibition at Birla Planetarium

Final and third year students of CFNFT participated in the Science exhibition conducted by Loyola College & AMC at the Birla Planetarium, Chennai on 27th and 28th March, 2025. Students exhibited their poster on value-added products from seafood at the TNJFU stall.

Directorates

Directorate of Extension Education, Nagapattinam

Workshop on Climate Resilient Aquaculture technologies for improving Fish Production

ICAR-Krishi Vigyan Kendra, a unit of TNJFU, in collaboration with the Department of Environment and Climate Change, organised a two-day workshop on "Climate Resilient Aquaculture Technologies for Improving Fish Production" at KVK, Sikkal from 25.03.2025 to 26.03.2025. Sessions covered topics such as seabass culture, ornamental fish farming, carp breeding, community tank management, live fish marketing, and value addition. Experts from RGCA and progressive farmers led the talks. Thirty farmers participated and received hands-on training at RGCA Farm, Karaikal. Certificates and floating fish feed were distributed.

Directorate of Sustainable Aquaculture, Nagapattinam

Krishnagiri Barur CeSA

GIFT Seed Distribution to farm pond beneficiaries of MYRADA, NGO, Krishnagiri



On 12.03.2025, 500 GIFT tilapia seeds produced at KBCeSA, Barur under the TN-IAMP Scheme were distributed on a cost basis to 15 farm pond beneficiaries of MYRADA NGO in Krishnagiri. Each beneficiary had constructed a 150 m² pond. On-site stocking was completed, and guidelines on biosecurity, feeding, and water quality were provided.

Training Programme on Shrimp Farming

A three-day paid shrimp farming training program was conducted by KKGCeSA, Ganapathipuram, from March 19–21, 2025, for aspiring shrimp farmers. Sixteen participants (8 male and 8 female) attended the training. The sessions covered aspects such as site selection, pond preparation, feeding, water quality, disease management, harvesting, and marketing, offering both theoretical and hands-on experience.

Awareness Program on "Sea Turtle Conservation"

On March 28, 2025, KKGCeSA, Ganapathipuram, organised an awareness program on sea turtle conservation for 35 students from Anna Vinayagar College, educating them on ecological significance, threats, and conservation efforts. Participants took an oath to protect sea turtles.





Exposure visit

On March 17, 2025, 11 II M.Sc. Zoology students (10 female, 1 male) and two faculty members from Nesamoni Memorial Christian College visited KKGCeSA, Ganapathipuram for practical knowledge on aquaculture, attended lectures and demonstrations on shrimp hatchery and farming practices.

Trichy CeSA – March 2025

TNJFU stall at AGRI EXPO-2025 Exhibition, Trichy

The AGRI EXPO-2025 was held by Pasumai Vikadan at Trichy from March 7-9, 2025. Trichy CeSA participated, showcasing university publications and activities. On the first day, Hon. Minister Th.K.N. Nehru and District Collector Th. Pradeep Kumar visited the stall.





Vocational Training Program

A three-day vocational training program on "Ornamental Fish Farming and Management Practices" was held at Trichy CeSA from March 10-12, 2025. Ten farmers, hobbyists, and entrepreneurs from Trichy, Madurai, Dharmapuri, and Erode attended the training. The program included lectures on ornamental fish keeping, indigenous species, breeding, live food organism

culture, management practices, and economic returns, along with hands-on demonstrations.




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

Visit of Director of Fisheries and Fishermen Welfare to DIVA

On March 20, 2025, Tmt. R. Gajalakshmi, IAS, Director of Fisheries and Fishermen Welfare, Tamil Nadu, and her team visited the Directorate of Incubation and Vocational Training in Aquaculture (DIVA), Muttukadu, Chennai. They toured the aqua feed mill, shrimp farming, and aquaponics facilities.




Kemin Aqua Science visited to DIVA

On March 24, 2025, a team of experts from Kemin Aqua Science Industries South Asia Pvt Ltd. visited the Directorate of Incubation and Vocational Training in Aquaculture (DIVA), Muttukadu, Chennai. Dr. Rajalekshmi and her team held a discussion with the Director of DIVA on potential collaboration areas. The team also toured the aqua feed mill, the Recirculating Aquaculture System (RAS), and the laboratories.




Celebration of World Water Day at DIVA

On March 22, 2025, DIVA celebrated World Water Day with NYKS and Arockia Bharathi at Chennai. A total of 70 B.Voc (IA) students participated in elocution, essay competitions, and a rally.



Self-Defence Programme at Diva

On March 24, 2025, DIVA organised a self-defence program for B.Voc (IA) students in collaboration with Arockia Bharathi, an NGO, Chennai. Dr. A. Uma, Director, highlighted the importance of self-defence skills for women. Seventy participants benefited from the training, which included an introduction by Mrs. Vijayalakshmi G on personal safety and a session by Mrs. Malathi A on government-developed women's safety apps.




Participation of DIVA in the Science Festival 2025

The students and staff of DIVA participated in the Science Festival 2025, organised by Tamil Nadu Science & Technology Centre at BM Birla Planetarium, Kotturpuram, from March 27-28, 2025. DIVA exhibited commercially important fish (Murrel, Seabass) and aquafeeds.




Directorate of Incubation And Vocational Training in Fisheries, Ramanathapuram

Training program on the "Boat Driver License Certificate Course"

A training program on the "Boat Driver License Certificate Course" was held from March 3-10, 2025, funded by Tamil Nadu Skill Development Corporation (TNSDC) under the Naan Mudhalvan Finishing School scheme. Seven fishermen from Ramanathapuram and Pudukkottai districts participated. The staff and students

"Beach Cleaning program"

A "Beach Cleaning Program" was held at Puthumadam Beach, Ramanathapuram, on March 27, 2025. Teaching and non-teaching staff, students, and Fisheries Department staff participated, focusing on collecting plastic waste.



Superannuation

Dr. K. Veerabhadran, Dean i/c, Dr. M. G.R. Fisheries College & Research Institute, Thalainayeru, retired on 31.03. 2025. He joined duty on 14.09.1990 and put in a total service of 35 years.

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

Research Publications

- K. Parkavi, **V. Rani,** M. J. Thamarai Selvi, **F. Parthiban, P. Padmavathy,** Rishikesh Venkatrao Kadam 2025. Single and Combined Toxicity of Phenanthrene and Copper on Growth, Lipid Content, and Polyunsaturated Fatty Acid Production in Indigenous Marine Microalgae from South eastern India., Thalassas: *An International Journal of Marine Sciences,* 41:71 **[NAAS Rating: 6.7, Scopus Index: 0.281].**
- Ravi, H., **Manimehalai, N.,** Roshan, R.U., Ramesh, P. and **Selvam Kesavan.,** 2025. Design and Performance Optimization of a Lab-Scale Pouch Pasteurization System for Crab Meat Using Retort Pouches: A Predictive Modelling Study. *Turkish Journal of Fisheries and Aquatic Sciences,* 25(9). DOI: 10.4194/TRJFAS25035. **[NAAS Rating: 7.50, Scopus Index: 3.1].**
- Praveenraj, J., **Moulitharan, N.,** PavanKumar, A., Naveen, R. S., Thackeray, T., Yumnam, R., & Gurumayum, S. D. (2025). *Channa nachi,* a new species of snakehead (Teleostei: Channidae) from Meghalaya, Northeast India. Zootaxa, 5613(2), 337-350. **[NAAS Rating: 6.80].**

"சோதனை கடந்து சுதந்திரம் அடைந்தோம்
சாதனை புரிந்து சரித்திரம் படைப்போம்."