Tamil Nadu Dr. J. Jayalalithaa Fisheries University

TNJFU

SIGNIFICANT ACHIEVEMENTS

2024
2025

Reporting Year

EDUCATION ACHIEVEMENTS

NEW ACADEMIC PROGRAMMES

Introduction of a new **M.F.Sc. programme** in **Fish Physiology and Biochemistry** at the Institute of Fisheries Postgraduate Studies, and **Ph.D. programme** in **Fisheries Extension** at Dr. M.G.R. Fisheries College and Research Institute, Ponneri.

B.F.Sc. INTAKE STRENGTH

Increase of **14 seats** in the **B.F.Sc. degree programme** intake.

RESEARCH ACHIEVEMENTS

TECHNOLOGY INNOVATION FELLOWSHIP (TIF)

Introduction of **Technology Innovation Fellowship** scheme under University Corpus Fund to encourage faculty to develop and commercialize innovative technologies.

NEW TECHNOLOGY DEVELOPED & RELEASED

Technologies Released - 2 Nos.

- **Seed production technology** for **Striped Murrel** (Channa striatus) under captive condition.
- **Standardisation of protocol for mass culture of novel marine biflagellate** Proteomonas sulcata isolated from Gulf of Mannar coastal waters for mariculture operations.

RESEARCH ACHIEVEMENTS

NEW PRODUCT DEVELOPED & RELEASED

Products Released - 16 Nos.

- **Fish curry in Retort Pouch (South Indian and Srilankan)** (commercialised)
- **Seaweed** incorporated **edible coffee cups**
- **Seaweed** incorporated **edible icecream cones**
- **Seaweed extract** (Sargassum wightii) incorporated **chocolate**
- **Seaweed** (Hypnea pannosa) incorporated **face cream**
- **Seaweed** (Hypnea pannosa) incorporated **soap**
- **Seaweed** (Hypnea pannosa) incorporated **body wash**
- **Seaweed** (Hypnea pannosa) incorporated **shampoo**
- **Seaweed** (Hypnea pannosa) incorporated **handwash**
- **Green Spicy Shrimp Snack** (commercialised)
- **Mixed Spice Shrimp Snack** (commercialised)
- **Classic Salt and chilly shrimp snack** (commercialised)
- **Cheese and Spice Flavoured shrimp snack** (commercialised)
- **Tandoori Barbecued Shrimp Snack** (commercialised)
- TNJFU - **Murrel feed**
- TNJFU - **Asian Seabass feed**

RESEARCH ACHIEVEMENTS

TECHNOLOGY COMMERCIALISATION

CMR Vannamei Shrimp Feed, a new formulation, was developed using TNJFU's Shrimp Feed Formulation Technology to optimise shrimp growth and productivity at the Feed Mill in Directorate of Incubation and Vocational Training in Aquaculture (DIVA), Muttukadu.

RESEARCH PUBLICATIONS

The University has published **150 Research Publications** with **NAAS above 6 rating.**

RESEARCH PROJECTS

TNJFU is designated as the **Lead Agency** for the **World Bank-supported Pradhan Mantri Matsya Kisan Samridhi Sah-Yojana (PM-MKSSY) project** titled **"India: Fisheries Sector COVID-19 Response & Recovery"** by Dept. of Fisheries, Govt. of India. Under this, TNJFU leads a consortium of 29 fisheries colleges across India with a funding of **₹26.28 crores**, to monitor micro & small fisheries enterprises.

26 ongoing research projects amounting to **₹24.77 crores** are being operated with funding support from organizations and agencies. It includes **three international projects worth ₹92.42 lakhs**, funded by the USFDA, USAID, and the BIMRen Grant for Twinning Research.

15 industry-sponsored projects valued at **₹67.52 lakh**s are in operation.

RESEARCH ACHIEVEMENTS

MEMORANDA OF UNDERSTANDING

The University signed **14 new Memoranda of Understanding (MoUs)** with reputed universities, research institutions, and industry partners to enhance student internships, placements, and joint research initiatives.

EXTENSION ACHIEVEMENTS

SKILL TRAINING PROGRAMS

Under the **Tamil Nadu Skill Development Corporation (TNSDC) scheme**, **43 specialized skill development programmes** were conducted, benefitting over **1041 rural youth, farmers and fishermen**.

TNSDC-funded **boat driving licence training programmes** were conducted to enhance employability and safety standards of **302 fishermen**.

AWARENESS PROGRAMS

Under the **Viksit Krishi Sankalp Abhiyan (VKSA) initiative** of Government of India and ICAR, the University's Krishi Vigyan Kendra (KVK) covered **68 villages, reaching 17,578 farmers** from agriculture and allied sectors through awareness campaigns, demonstrations, and technology dissemination programmes.

STUDENT ACHIEVEMENTS

RESEARCH/ ACADEMIC AWARDS

PFGF Best Postgraduate Thesis Award (Doctoral)

Dr. S. Sundhar was honoured with the **Dr. I. Karunasagar Best Ph.D. Thesis Award (2024)** at the **2nd Indian Fisheries Outlook (IFO 2), 2025**.

PFGF Best Postgraduate Thesis Award (Doctoral)

Dr. U. Ari Sekar was honoured with the **Dr. I. Karunasagar Best Ph.D. Thesis Award (2022)** at the **2nd Indian Fisheries Outlook (IFO 2), 2025**.

PFGF Best Postgraduate Thesis Award (Masters)

Ms. Emiema was awarded the **Dr. N. R. Menon Best M.F.Sc. Thesis Award (2024)** at the **2nd Indian Fisheries Outlook (IFO 2), 2025**.

PFGF Best Postgraduate Thesis Award (Masters)

Ms. Pranali Marpade was awarded the **Dr. N. R. Menon Best M.F.Sc. Thesis Award (2023)** at the **2nd Indian Fisheries Outlook (IFO 2), 2025**.

PFGF Best Fisheries Graduates of India

Ms. Elavarasi secured the top rank and received the **Dr. K. C. Naik Award (2024)** at the **2nd Indian Fisheries Outlook (IFO 2), 2025**.

PFGF Best Fisheries Graduates of India

Mr. A. Ebiron secured third rank and received the **Dr. E. G. Silas Award (2024)** at the **2nd Indian Fisheries Outlook (IFO 2), 2025**.

Chief Minister's Research Fellowship

Ms. M. J. Thamarai Selvi, Ph.D. Scholar, Fisheries College and Research Institute, Thoothukudi, was awarded the prestigious **Chief Minister's Research Fellowship**.

STUDENT ACHIEVEMENTS

CONFERENCES/ COMPETITIVE EXAM

ICAR-AIEEA (PG) 2025

30 students of TNJFU ranked in **Top 100 in ICAR-AIEEA (PG) 2025** at All India Level with **AIR-1** secured by Mr. Sunil Babu P.S., student of **Fisheries College and Research Institute, Thoothukudi**.

Ms. Gresha Amstrong, Ms. Nandhana Lal, and Ms. Sahaya Preethi, III B.F.Sc., Dr. M.G.R.Fisheries College and Research Institute, Ponneri, won **2nd prize** for the poster **"Fishonix-NextGEN Lining"** and ₹10,000 cash award in the **2nd Indian Fisheries Outlook 2025**, held from 12 to 14 July, 2025 at the College of Fisheries, Odisha.

Ms. S. Emiema, M.F.Sc. Research Scholar of Fisheries College and Research Institute, Thoothukudi received a **Best Paper Award** in the **10th National Conference on Agricultural Scientific Tamil** held on 04.04.2025 and 05.04.2025 at Chennai.

Ms. K. Shunmathi and Ms. T. Subanandhini, B.Tech. (Food Tech.) students of CFNFT, Madhavaram, won **1st and 2nd prizes** with cash awards of Rs.1,500/- and Rs.1,000/- respectively in the poster presentation category, at the **National Level Technical Symposium "KORSHAN'24"** held on 25.10.2024 at Hindustan College of Engineering and Technology, Coimbatore.

Mr. Sarveshwaran & Ms. Abitha, III B.Tech. (Food Tech.) students of CFNFT, Madhavaram, won **2nd place** and a Rs.10,000/- cash prize, while Ms. Cherly Bwa & Ms. Lavanya, secured **3rd place** with Rs.7,500/ in the **National conference on Blue Revolution for Sustainable Fisheries Development**, organised by the Karnataka S & T Department in Bengaluru from 24.09.2024 to 27.09.2024.

Ms. Cheryl Bwa, B.Tech. (Food Tech.) student of College of Fish Nutrition and Food Technology, Madhavaram won the **Best Poster Award** with a Rs.2,000/- cash prize in the **National Food Hackathon** at Sree Sastha Institutions, Chennai.

STUDENT ACHIEVEMENTS

SPORTS

Ms. Subbulakshmi C., III B.F.Sc., Dr. M.G.R. Fisheries College and Research Institute, Ponneri, won **Gold and Silver medals** in the battle and individual events at the **Qatar First International Open Silambam Championship 2025** held in April at Qatar.

Mr. S. Karthik Raja, IV B.F.Sc. Dr. MGR Fisheries College & Research Institute, Thalainayeru, **2 gold medals** in the team championship and individual doubles 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.

Ms. Vasika & Ms. Nanitavarshini, students of FC&RI, Thoothukudi, won **1st place** in Beach Volleyball; **2nd place** in Backstroke & freestyle swimming (200 meters) was won by Mr. Joel John Paul; **1st place** in Silambam was secured by Mr. Subash; Mr. S.K. Meivendhan & Mr. V. Omeshraj got **1st place** in Table Tennis (Doubles) & Mr. Vishnu bagged **3rd place** in Carrom singles in the **CM Trophy district-level sports competition**, organised by the District Sports & Youth Welfare department in Thoothukudi.

Students of Dr. MGR. Fisheries College & Research Institute, Thalainayeru, Ms. D. Agalya won **1st place** in Silambam, Ms. J. R. Amritha won **2nd place** in discus throw, and Mr. L. Kowsigan **3rd place** in the 3000 meter race during the **CM Trophy district-level sports competition**, organised by the District Sports & Youth Welfare Department in Nagapattinam on 23.09.2024.

Students of College of Fisheries Engineering, Ms. Pravarthika secured **2nd** in high jump, Ms. Santhiya secured **3rd** in the 400 meter race and Ms. Vanapriya secured **3rd** in Silambam during the **CM Trophy district-level sports competition**, organised by the District Sports & Youth Welfare Department in Nagapattinam on 23.09.2024.

2 students of Fisheries College & Research Insititute, Thoothukudi secured **5th and 9th place** in the **Anna Marathon Race**, organised by the Youth Welfare and Sports Development Department, Govt. of Tamil Nadu, each winning a cash prize of Rs.1,000/-.

STUDENT ACHIEVEMENTS

EXTRA-CURRICULAR/ CULTURALS

Ms. K. Vanapriya, III B.Tech., College of Fisheries Engineering, won **2nd prize** in the Startup Snap (Biz plan) during the **Biz Sreshta'25 - An Industry-Institute Interface Event** conducted by Pondicherry University, Karikal campus on 21.03.2025, for the hybrid fish descaling machine start-up business plan presentation with a cash prize of Rs.1000/-.

The B.B.A. (FEM) students' team (2022-23 batch) of the TNJFU-Fisheries Business School, secured **1st Prize** in the **Product Design category** at the **Business Empire Endeavours event** organized by the Department of Management Studies, St. Joseph's College of Technology, Chennai, on March 13, 2025.

Ms. A. Marthal, III B.Tech., College of Fisheries Engineering, participated in the 2024-25 **Minority speech competition** and won the **2nd prize** in district level and received the Rs. 10,000/- cash prize at the prize distribution ceremony in Kalaivanar Arangam, Chennai on 19.07.2025.

Ms. T. Darshini, B.F.Sc. student of Dr. MGR. Fisheries College & Research Institute, Thalainayeru, won **2nd prize** in the **District-level Poster Making Competition** for voter awareness and received a certificate from the Panchayat Head at Nagapattinam Collectorate on January 25, 2025.

Ms. S. Kanmani, III B.F.Sc. student of Dr. MGR. Fisheries College & Research Institute, Ponneri, won **1st place** in a **drawing competition** organised by Kauvery Hospital and Decathlon on 29.09.2024, earning a cash prize of Rs.3,000/- and a Rs.1,500/- gift voucher from Decathlon.

Students of College of Fisheries Engineering won various prizes in the cultural events organised by the Nehru Yuva Kendra, Nagapattinam under **Beti Bachao, Beti Padhao initiative** on 14.12.2024. The Group Dance team secured **2nd place** with Rs.5,000/-, Mr. Saravanan (2nd year) won **3rd place** in Photography with Rs.1,000/- and Ms. Gayathri (2nd year) placed **3rd** in the poetry competition, with Rs.1,000/- as cash award.

FACULTY ACHIEVEMENTS

AWARDS

Indian Fisheries Society of India (IFSI) Award

Dr. S. Sundhar was honoured with the **Dr. J. K. Jena Young Scientist Award** at the **2nd Indian Fisheries Outlook (IFO 2), 2025**.

PFGF Best Indian Fisheries Scientist Award

Dr. U. Ari Sekar was honoured with the **Dr. M. S. Swaminathan Best Fisheries Scientist Award (2024)** at the **2nd Indian Fisheries Outlook (IFO 2), 2025**.

FUND MOBILISATION

GOVERNMENT FUNDS/ ICAR GRANTS

Total Fund - Rs.26.05 crore

- Flood Relief Fund of **Rs.12.03 crore** for restoration of flood damages at FC&RI, Thoothukudi.
- ICAR Development Grant of **Rs.4.35 crore**.
- TN Announcements (2025-26) of **Rs.9.5 crore**.
- IFSISC 2025 Sponsorship of **Rs.17.00 lakh**.

MAJOR EVENTS

INDUSTRY INSTITUTION SUMMIT (IIS'24)

Industry Institution Summit (IIS'24) was organised on 27th and 28th September 2024 **to foster relationships and forge connections between academia and industry**. The event featured participation from **36 industry professionals**, including CEOs, Directors, Managers, R&D Heads, and nutritionists from across the country.

FISHERIES AND AQUACULTURE PRODUCTION OF TAMIL NADU (FAPTN'24)

Consultative workshop on **"Fisheries and Aquaculture Production of Tamil Nadu (FAPTN'24) - Status & Way Forward"** was organised on 30.11.2024 with the aim **to develop strategies for increasing the Fisheries and Aquaculture Production in Tamil Nadu**. The event witnessed participation of over **100 attendees** from the Department of Fisheries & Fishermen welfare, Govt. of Tamil Nadu, Industry experts, University Officers, faculty and students of TNJFU.

INDIAN FISHERIES STUDENTS INNOVATION & STARTUP CONFERENCE (IFSISC'25)

1st Indian Fisheries Students Innovation & Startup Conference (IFSISC'25) themed **"Reimagining Indian Fisheries @2047"** was organised on 14.03.2025 to drive fisheries innovation and nurture startup culture among the fisheries graduates of the country. **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.'**

MAJOR EVENTS

TNJFU ALUMNI CONVENTION 2025

The **TNJFU Alumni Convention 2025**, a two-day mega event, featured the **1st IFSISC'25** on 14.03.2025 and the **TNJFU Alumni Network Meeting** on 15.03.2025. The event brought together over **250 alumni and students**, fostering a strong sense of camaraderie, motivation, and professional networking. A dynamic interactive session between alumni and students was conducted, providing students with an invaluable opportunity to seek guidance, learn from alumni experiences, and network for future career prospects.

TNJFU – TECHNOLOGY RELEASE 2025

TNJFU - Technology Release programme 2025 was conducted on 12.02.2025 for the **release of 18 technologies & launch of CMR Vannamei Shrimp Feed**. The compendium of eighteen technologies developed by TNJFU was released by the Hon'ble Minister for Fisheries, Fishermen Welfare and Animal Husbandry Thiru. Anitha R. Radhakrishnan for the benefit of the farming community.

KISAN MELA

The **Kisan Mela** was conducted on 18.06.2025 at TNJFU, Nagapattinam to mark the **14th Foundation Day of the University**. The Entrepreneurs developed by KVK & TNJFU exhibited their products in the university campus. Ornamental fish, Indian major carps, Pacu, chicks and goat were distributed to the economically weaker section of the district & certificates were issued to the value-added product producers who participated in the exhibition.

MAJOR INAUGURATIONS

HOSTEL BLOCK & ADMIN BLOCK FACILITY

Inauguration of **Hostel Block & Additional infrastructure facility (Admin Block 2nd floor)** worth Rs.11.65 crore at FC&RI, Thoothukudi & Dr. MGR FC&RI, Thalainayeru by **Hon'ble Chief Minister** on 04.01.2024.

HOSTEL BLOCK & LOACH BREEDING CENTRE

Inauguration of **Hostel Block (Dr. MGR FC&RI, Ponneri) and Loach Breeding Centre (Theni CeSA)** worth Rs. 6.94 crore by **Hon'ble Chief Minister** on 08.03.2024.

FARMERS TRAINING HOSTEL

Inauguration of **Farmers Training Hostel** worth Rs.12.82 crore at TNJFU (HQ), Nagapattinam by **Hon'ble Chief Minister** on 20.08.2024.

FTC, FISH PROCESSING INCUBATION CENTRE & MARINE ENGINEERING WORKSHOP

Inauguration of **Farmers Training Centre & Hostel, Fish Processing Incubation Centre and Marine Engineering Workshop** at Dr. MGR FC&RI, Thalainayeru by the **Hon'ble Minister for Fisheries & Fishermen Welfare and Animal Husbandry and the Hon'ble Minister of Law** on 10.01.2024.

MAJOR INAUGURATIONS

LAND-BASED SEAWEED CULTURE UNIT

Inauguration of **"Land-based Seaweed Culture Unit"** established at Ariyaman Beach Campus of TNJFU under the NADP project by **Vice-Chancellor** on 28.06.2024.

MUD CRAB HATCHERY

Inauguration of **Mud crab hatchery** unit developed under the PMMSY scheme at **PRFF, Pazhaverkadu** by **Vice-Chancellor** on 29.01.2025.

BIOFLOC TECHNOLOGY – STUDENTS EXPERIENTIAL AND RESEARCH UNIT

Inauguration of **Biofloc Technology - Students Experiential and Research Unit** in the **TNJFU main campus**, Nagapattinam, by **Hon'ble Governor of Tamil Nadu** on 03.11.2025.