TAMIL NADU Dr.J.JAYALALITHAA FISHERIES UNIVERSITY

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TNJFU

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From the Desk of Vice - Chancellor ...

Dear Readers,

Every year, National Fish Farmers Day is celebrated to honour and support the significant contributions of fish farmers to the nation's blue economy, recognising the key role that fish farmers play in providing food security for India, creating rural employment, and fostering the development of a sustainable aquaculture sector. This occasion also marks the groundbreaking success of Dr. K. H. Alikunhi and Dr. Hiralal Chaudhuri in revolutionising inland aquaculture by demonstrating induced breeding in Indian major carps using the hypophysation technique. Empowering the fish farmers of India who hold the spirit of progress and technology in the aquaculture sector is crucial to driving the blue revolution.

The fish farmers are provided with a rising wave of opportunities to pursue aquaculture practices with the governmental backing. The Department of Fisheries, Government of India, along with the Government of Tamil Nadu, is providing financial assistance to inland fish farmers for constructing new freshwater finfish hatcheries, fish rearing ponds, grow-out ponds, freshwater bio-floc ponds, Re-Circulatory Aquaculture System (RAS), and fish feed mills. The Indian fish farmers serve as the primary catalysts of the Blue Revolution by incorporating new technologies, enhancing post-harvest practices, and embracing sustainable methods to increase both productivity and income.

As a higher educational & research institution, Tamil Nadu Dr. J. Jayalalithaa Fisheries University is also dedicated to the welfare of fish farmers and renders notable services to fish farmers across the state of Tamil Nadu. During this year, 18 technologies were developed and released for the benefit of farmers. TNJFU encourages public-private partnerships (PPP) in ornamental fish culture, feed production, seaweed culture, live feed culture, and shrimp seed production. The incubation units in TNJFU cater to the needs of the stakeholders in the development of value-added fisheries products and seaweed-based products. TNJFU undertakes breeding and seed production of Pacu, Seabass, Anabas, Loach, & Mud crab in different constituent units. Through a combination of financial assistance, infrastructure development, technological support, and market access initiatives, the livelihoods of fish farmers can significantly improve, resulting in the development of the nation's fisheries sector and sustainable management of aquaculture resources.

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

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VC EVENTS

Visit to FC&RI, Thoothukudi



The Hon'ble Vice-Chancellor visited the Fisheries College and Research Institute, Thoothukudi, on the forenoon of 02.07.2025. During the visit, the Vice-Chancellor participated in the "Boomi Pooja" for the construction of the Ladies Hostel First Floor for Fisheries College and Research Institute, Thoothukudi at Staff Quarters Campus, Thoothukudi. He also inaugurated the newly constructed Laboratory at the Department of Fish Processing Technology under the Flood Relief Fund, and the Marine Engine Workshop at the Department of Fishing Technology and Fisheries Engineering (Shore Lab campus). Participated in the TANII Scheme – Trollor Line operation, and inspected all the departments of the Fisheries College and Research Institute, Thoothukudi. The Vice-Chancellor also participated in the Troller Boat Demo.







Land Inspection at Panagudi Village

The Hon'ble Vice-Chancellor visited Panagudi village, Tirunelveli district, on the afternoon of 02.07.2025 for inspecting the land allotted to TNJFU for the establishment of a new Krishi Vigyan Kendra (KVK) along with the Estate Officer, TNJFU.





Visit to CIVF, Thengapattinam

The Hon'ble Vice-Chancellor visited the Centre for Incubation and Vocational Training in Fisheries, Thengapattinam on the forenoon of 03.07.2025. During the Visit, the Hon'ble Vice-Chancellor met with staff and discussed the activities of the centre, and viewed the availability of facilities and resources at the premises.





Visit to Parakkai CeSA





The Hon'ble Vice-Chancellor visited the Kanyakumari Parakkai Centre for Sustainable Aquaculture, Parakkai on the forenoon of 03.07.2025 and reviewed the ongoing activities, research programs, and infrastructural facilities of the centre. During the visit, the Vice-Chancellor also interacted with the trainees who had successfully completed the three-day training programme on "Ornamental Fish Production Techniques," encouraging them to explore entrepreneurial opportunities in the ornamental fish sector.

Visit to Ganapathipuram CeSA

The Hon'ble Vice-Chancellor visited the Kanyakumari Ganapathipuram Centre for Sustainable Aquaculture on the afternoon of 03.07.2025 and evaluated the facilities and manpower availability at this centre. Vice-Chancellor also insisted on developing a facility for brood stock rearing, marine aquarium and follow up the proposal on flood relief fund.





Visit to Mandapam CeSA

The Hon'ble Vice-Chancellor visited the Mandapam Centre for Sustainable Aquaculture, Mandapam, on the forenoon of 04.07.2025. The Vice-Chancellor went around the campus and observed the activities of the centre. He paid visits to the marine finfish Hatchery and observed the marine ornamental fishes reared in the hatchery. To mark the occasion and to officially initiate the broodstock development programme of Asian seabass, the respected Vice-Chancellor stocked the brooders into the broodstock tanks of the Marine Finfish Hatchery.





Visit to Freshwater Instructional Farm Facility

The Hon'ble Vice-Chancellor visited the Freshwater Instructional Farm Facility, Korukkai farm of Dr.MGR Fisheries College and Research Institute, Thalainayeru on the afternoon of 04.07.2025, and interacted with the faculty and insisted to propose revolving fund schemes.



Release of UG Admission - Rank List




TNJFU, Nagapattinam, is conducting the undergraduate admission for the academic year 2025-26 for various undergraduate fisheries degree programs offered by the various constituent colleges and affiliated private colleges of TNJFU. The rank list was released by the Hon'ble Vice-Chancellor, Tamil Nadu Dr. J. Jayalalithaa Fisheries University on 18.07.2025, in the presence of the Registrar, Director of Extension Education i/c., Director of Research i/c., and UG Admission Committee members.

Annual Performance Review of KVK Faculty

The Annual Performance Review of the faculty of the Krishi Vigyan Kendra (KVK), Sikkal was conducted by the Hon'ble Vice-Chancellor along with the Director of Extension Education in-charge on 22.07.2025 at the KVK, Sikkal.




Special Address Program at IFPGS

The Special Address Program on "Aquatic Food System & Overseas Opportunities" was conducted at TNJFU - Institute of Fisheries Post Graduate Studies, OMR, Chennai on 25.07.2025. The session began with a welcome address by the Hon'ble Vice-Chancellor, TNJFU, Dr. N. Felix, who also introduced the University's ongoing research areas of PG and Ph.D. students to the guest speaker. The Special Address was delivered by the chief guest, Dr. C. V. Mohan (Former Principal Scientist, World Fish – CGIAR, Penang, Malaysia; R&D Manager, NACA, Bangkok; Professor, College of Fisheries, Mangalore). The lecture highlighted the need for transformation in current food systems by integrating innovative technologies, sustainable practices, and a One Health approach.




9th Meeting of the Planning Board

The Hon'ble Vice-Chancellor chaired the 9th Meeting of the Planning Board of TNJFU at the Conference Hall, Institute of Fisheries Post Graduate Studies, Vaniyanchavadi, Chennai held on 26.07.2025 through hybrid mode. The following Planning Board members, Prof. Baskaran Manimaran, Dr. Chadag Vishnumurthy Mohan, Dr. M. Krishnan, Dr. A.R. Thirunavukkarasu, Dr. Ramakanth Akula, and Dr. Basanta Kumar Das, were present in the meeting. Dr. P. Chidambaram, Registrar, Dr. N. Jayakumar, Director of Research i/c., Dr. S. Balasundari, Dean (Academics) and Dr. A. Uma, Dean i/c., IFPGS attended the meeting as special invitees.




College News

Fisheries College & Research Institute, Thoothukudi

Signing of MoA

A MoA was signed with M/s. Indian Marine Ingredients Association, Bangalore, on 15.07.2025 at FC&RI, Thoothukudi, witnessed by Dr.S.Athithan, Dean (i/c) and faculty.



Fish Farmers Day Celebration



DFEES, FC&RI, TNJFU, organized a Fish Farmers Meet on 10.07.2025 sponsored by NFDB, Hyderabad. Thirty-five beneficiaries participated. Dr. S. Athithan , Dean (i/c), distributed certificates and highlighted importance of the day. The event included an essay competition and was led by Dr. G. Arul Oli.

Legal Literacy Programme



FC&RI, in collaboration with District Legal Services Authority (DLSA), Thoothukudi, conducted a legal literacy programme on "Anti-Ragging Laws." Pro-Bono Lawyer Th. Renganathan addressed 250 students on the legal consequences of ragging. The event was presided by Dean (i/c) and coordinated by Dr.R.Shalini and Dr.P.Sivasankar.

Training Programme



The Department of Aquaculture, FC&RI, conducted a three-day training on Integrated Fish Farming, Murrel Farming, and Biofloc Culture from 29-31 July 2025. Six trainees participated. Dr. S. Athithan, Dean (i/c), coordinated the program, distributed certificates, and emphasised fish culture as a viable livelihood opportunity.

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

MPEDA Skill Olympiad 2025, Chennai



Amizthiniyal K. and Pavithra G., III B.F.Sc., anchored the semi-final and final rounds of the MPEDA Skill Olympiad at Seafood Expo Bharat 2025, Chennai, held from 28.06.2025 to 01.07.2025. They received Certificates of Appreciation from MPEDA.

Faculty Exchange under the BIMReN initiative of BoBP-IGO



Dr.Lloyd Chrispin. C, AP, visited the University of Jaffna, Sri Lanka, from 04.06.2025 to 18.07.2025 for an international collaborative research project titled “Sustaining Fisheries Ecosystem in the Palk Bay Region: Assessing Management Options, Livelihoods, and Fishers' Perspectives”, funded by BIMReN.

National Fish Farmers Day Celebration



Hosted a webinar titled “Breeding Breakthroughs: Recent Advances in Induced Finfish and Shellfish Breeding” on 10.07.2025, followed by an awareness programme on Aquaculture Insurance for Fish Farmers.

Participation in the Second Indian Fisheries Outlook 2025, Odisha

Gresha Amstrong, Nandhana Lal, and Sahaya Preethi, III B.F.Sc., attended IFO2025 at the College of Fisheries, Odisha, from 12-14 July 2025. They won second prize for the poster “Fishonix–NextGEN Lining” and ₹10,000 cash award.



Lab visit

On 17.07.2025, students visited the WOAH Reference Laboratory at C.Abdul Hakeem College. Experts discussed viral strain development, molecular diagnostics, immunogen production and virus characterization.



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

National Fish Farmers Day 2025



The institute celebrated National Fish Farmers Day 2025. Success story documentaries (5 Nos.) were screened, followed by a panel discussion where farmers shared their experiences with students, promoting valuable farmer-academia interaction.

Guest lecture



A guest lecture on “Guiding Researchers: Funding Sources, Paper Publication, and Patent Essentials” was held on 24th July 2025, organised by the IQAC Research and Development Committee. The lecture was delivered by Dr. P. Karuppanan and Mr. Kishanth Murali.

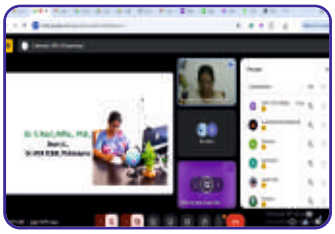
Training Programme



The Department of Fish Processing Technology conducted a three-day Hands-on Training on "Basic Microbial Techniques" from 23-25 July 2025. Coordinated by Dr. V. Alamelu, 27 students participated in this programme.

Webinar

DFPT, organised a national webinar on “Crafting a Successful Seafood Processing Business Model” on 9th July 2025. 155 participants attended the webinar. The programme was coordinated by Dr. V. Alamelu.



Clean Drive



A campus clean drive was held on 25th and 27th July 2025, with 110 student volunteers participating under the coordination of Dr. S. Kesavan, NSS Programme Officer.

College of Fisheries Engineering, Nagapattinam

UBA - Regional Workshop

The institute participated in a regional workshop by TNAU's Regional Coordinating Institute (RCI) on 03.07.2025 at Bishop Heber College, Tiruchirappalli. Dr. M. Ramar, Assistant Professor and UBA Coordinator, represented the college at the event.



National Fish Farmers Day



CoFE, Nagapattinam, celebrated National Fish Farmers' Day with a webinar on *Next Generation Aquaculture Practices* and student competitions. Dr. G. Dinakaran, MPEDA-RGCA, Karaikal, was the chief guest, and 20 farmers participated online.

Inauguration of the smart classroom



Under the Unnat Bharat Abhiyan - Technology Customisation Scheme, smart classrooms with a Smart TV and projector were installed at GHSS, Muttam, on July 25,2025. Dr. D. Kesavan, PI of the project, outlined the project's aim to promote fisheries education and career opportunities.

One Day Training Program



The Department of Aquacultural Engineering conducted a one-day offline training on "Engineering Considerations in Design, Operation, and Maintenance of Biofloc Culture Units" at CoFE, Nagapattinam, on 08.07.2025. Sixteen participants attended the training. The program was coordinated by Dr. Mohammad Tanveer, and the certificates were distributed by Dean i/c of CoFE

Participation in Agri Intex – CODISSIA - 2025

Mr. V. Vijayarahavan, A.P attended and displayed the fish and fishery products at **"AGRI – INTEX 2025"** which was held at CODISSIA Trade Fair Complex, Coimbatore from 10.07.2025 to 14.07.2025.





Institute of Fisheries Postgraduate Studies, Vaniyanchavadi - Chennai

Industrial visit



33 students from Fisheries Business School (FBS) visited Sunshine AQ Care Pvt. Ltd., Chennai. The visit was hosted by Mr. R. Dhanraj. Faculty Dr. L. Akshaya and Ms. V. Boomika accompanied the students.

College of Fish Nutrition and Food Technology, Madhavaram-Chennai

Industry Academia Interaction



The CFNFT, Madhavaram, Chennai, organised an Industry-Academia Interaction on "Smart Proteins for a Sustainable Future" on 3rd July 2025. Speakers from Good Food Institute, India Dr. Padma Ishwarya, Ms. Chandana Tekkatte, and Ms. Amrutha Girivasan delivered the lecture. All the B.Tech. Food Technology students actively participated in the session.

National Fish Farmers Day Celebration





CFNFT, Madhavaram, Chennai, organised a one-day training on "Value Addition of Seafood Products" on 10th July 2025, commemorating National Fish Farmers Day. Twelve women from SHGs in Manali and Kodungaiyur participated in hands-on sessions on seafood preservation, focusing on fish and prawn pickle preparation. Participants received certificates for their active involvement and successful completion.

Visit to BIS



Twenty students of CFNFT BIS Standards Club members (2023–24 batch) visited the BIS Southern Regional Office Laboratory (SROL) on 18th July, 2025. The visit was organised by Chennai Branch Office (CNBO) as part of *BIS Chennai – Standards in Action: College Edition.*

Directorates

Directorate of Extension Education, Nagapattinam

State Level AGRI INTEX 2025



ICAR-KVK, Nagapattinam, showcased various technological products at the state-level AGRI INTEX 2025 held from 10-14 July at CODISSIA, Coimbatore. Exhibits included rice varieties, fodder seeds, organic inputs, crop boosters, and value-added fish products by KVK faculties. Four entrepreneurs displayed palmyrah, dry fish, millets, and medicinal plant products. The stall was managed by KVK faculties, attracting 4,402 farmers, farm women, and stakeholders.

10 varieties of value-added fishery products, fish feed, economically important ornamental and edible fish were displayed by the faculties from various constituent units of TNJFU, Nagapattinam and also provided the consultancy services to the farmers. The exhibition was monitored by the DEE in-charge in coordination with faculty members from the TNJFU constituent units.





Directorate of Sustainable Aquaculture, Nagapattinam

Krishnagiri Barur CeSA

Velan Kalam Live Telecast

Dr. Somu Sunder Lingam R, appeared on DD Tamil's Velan Kalam live program on 18.07.2025 to discuss GIFT Tilapia farming and responded to farmer queries through live phone calls.

National Fish Farmers Day



To commemorate National Fish Farmers Day on 10.07.2025, water quality demonstrations were conducted in 19 farms. Leaflets and study materials were distributed.

Fisheries Staff Training Institute(STI) Trainee Visit at KBCeSA



Dr. Somu Sunder Lingam R., briefed trainees on schemes and centre activities on 29.07.2025. Ms. Tamil Kaviya demonstrated aquaponics, GIFT and scampi farming.

Paid Training Program on “Fish Farming” at KBCeSA



Dr. Somu Sunder Lingam R., trained 10 farmers on fish farming on 31.07.2025. Ms. Tamil Kaviya and Mr. Velmurugan (JRF, TN-IAMP) handled water quality analysis and farm demonstration.

Erode Bhavanisagar CeSA

Agri Intex 2025

The Coimbatore District Small Industries Association (CODISIA) organised Agri Intex 2025 in Coimbatore from 10.07.2025 to 14.07.2025. EBCeSA displayed 8 farmed fish species and 40 ornamental fish species. Mr. Dakshina Moorthy and Ms. Mythili contributed fish for sale. 223 technical queries were addressed.



Internship Program

At EBCeSA, 10-day internship (15.07.2025 to 24.07.2025) was held for NGM College, Zoology students. They were trained in carp farming, aquaponics, biofloc, breeding of Anabas and koi carp and maintenance of hatchery operation.



Theni CeSA

National Fish Farmers Day Celebration



To commemorate National Fish Farmers Day on 10.07.2025, loach seeds were distributed by the Registrar and the Director of DSA. A field visit was arranged to a progressive loach farm in Kumbakarai.

Fisheries Department Staff Trainee Visit to Theni-CeSA

Mr. P. Velmurugan trained six Inspector of Fisheries, from DFFW, in loach breeding, sex differentiation, and embryonic development on 30.07.2025 and 31.07.2025.



Mandapam CeSA

National Fish Farmers Day

To commemorate National Fish Farmers Day on 10.07.2025, MCeSA organized an awareness program for 25 farmers. Dr. C. Anand highlighted its significance, while Mr. K. Balaprakash spoke on clownfish breeding and Mr. P. Vignesh on seabass cage culture.



Trichy CeSA

National Fish Farmers Day

To commemorate National Fish Farmers Day on 10.07.2025, Trichy CeSA along with the Department of Fisheries and Fishermen Welfare, Trichy organized Scientist Farmers Interactive Meet for 25 farmers on sustainable aquaculture and government schemes.



Thanjavur – TCeSA

Farmers' Visit



On 08.07.2025, 40 farmers from Chengalpattu district visited TCeSA as part of an ATMA exposure program. Mrs. B.R. Sona gave a lecture on Inland Fish Culture, followed by a facility tour.

Skill Training of Rural Youth (STRY)

A six-day STRY on "Inland Fish Culture" for 28 beneficiaries was held at TCeSA from 09.07.2025 to 11.07.2025 and 14.07.2025 to 16.07.2025. Theory sessions covered seabass, murrel, tilapia, and composite culture, and two exposure visits were arranged.



National Fish Farmers Day



To commemorate National Fish Farmers Day on 10.07.2025, TCeSA organized an awareness program for 28 farmers, including a field visit to Chola Fish Seed Farm for induced breeding demonstrations.

Visit of Secterary to Government, AHDF&FWD

The Secretary to the government, AHDF&FWD. Dr.N.Subbaiyan, IAS., visited TCeSA on 13.07.2025 and reviewed activities, advised seed production and seed rearing, suggested staff appointments and TNSDC empanelment.





Lecture delivered under TANII Training Program

Mrs. B.R. Sona delivered a lecture for 25 beneficiaries on seabass pond culture on 12.07.2025. ICAR-CIBA guides were distributed.





Kanniyakumari Parakkai CeSA National Fish Farmers Day



To commemorate National Fish Farmers Day on 10.07.2025, KKPCeSA organized an awareness session for 22 farmers and 36 students from Sree Ayyappa and S.T. Hindu Colleges on sustainable fish farming.

Paid Internship Program

A 10-day internship on aquaculture techniques was organised for final-year students of Sree Ayyappa College and S.T. Hindu College from 04.07.2025 to 17.07.2025. Dr. N. Daniel coordinated hands-on training.



Training Programme on Ornamental Fish Culture



Dr. N. Daniel trained Kottar Social Service members on ornamental fish culture from 01.07.2025 to 03.07.2025, covering breeding, feeding, disease prevention, and economics. He also conducted a training program for students of S.T. Hindu College from 29.07.2025 to 31.07.2025 on ornamental fish culture.

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

Celebration of "National Fish Farmers Day

DIVA celebrated National Fish Farmers Day on 10.07.2025, benefiting 29 fisherfolk. Dr. A. Uma, Director, addressed the gathering, explaining the significance of National Fish Farmers Day.



DIVA organised a guest lecture on "Herbal Plants"



DIVA organised a guest lecture on "Herbal Plants" by. Dr. Koushika Madhavan, an Ayurveda doctor, highlighting their medicinal uses and sustainable harvesting. Herbal tourism activity was also conducted, allowing students to explore and identify local medicinal plants.

DIVA Participated in Agri Intex 2025

TNJFU participated in Agri Index 2025 from 09-14 July at CODISSIA, Coimbatore. Mr. A. Monishkumar demonstrated DIVA-produced aqua feeds, offering guidance on feed types, management, and strategies to enhance fish growth and farm profitability.



Awards

Marthal, A, III B. Tech, CoFE, Nagapattinam, 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 KalaivaarArangam, Chennai on 19.07.2025.



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Book - Post

From :
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Research Publications

- Jeevitha,J, **Aruna,S, JeyaShakila, R.,Pavinkumar,** & Panda,U.S. (2025). Bioaccumulation of Copper in Water, Sediment and Selected Fish Species from Different Trophic Levels with Habitat Preferences in the Pulicat Lagoon, South India. Soil and Sediment Contamination: An International Journal, 1–20. https://doi.org/10.1080/15320383.2025.2533880 **[NAAS 6.00]**

- Paplin Prince,B., **Santhoshkumar,S., Pavinkumar,P., Lloyd Crispin,C., John Chembian, A., Sudhan,C.,** Sasikumar.R.G., 2025. Biological Parameters and Population Structure of Frigate Tuna *(Auxis thazard)* along Chennai coast, Southeast India. Thalassas: An International Journal of Marine Sciences.41:139. https://doi.org/10.1007/s41208-025-00897-1 **[NAAS 6.70]**

- Parkavi,S., **Durairaja,R.,Sudhan,C.** & KameiRing Jon Meilu.,2025. Unveiling the Health and Growth Patterns of 11 Goatfish Species (Family: Mullidae) along the Coast of the Gulf of Mannar: Evidence from Length- Weight Relationship and Relative Condition Factor Analysis. Thalassas: An International Journal of Marine Sciences. 41:141. https://doi.org/10.1007/s41208-025-00899-z **[NAAS 6.70]**

- Chandravanshi,S.,**Jayakumar,N.,Durairaja,R.Aanand,S., Suresh,E.,Sudhan,C.** & Ramasre,J.R.,2025. Growth, mortality, and stock status of the smalltooth emperor, Lethrinus microdon (Valenciennes,1830), from the Gulf of Mannar (Indian southeast coast). Journal of Coastal Research,41(4):701–709. **[NAAS 6.00]**

- **Archana Sethuraj, Neethiselvan Neethirajan, Padmavathy Pandurangan, Ravikumar Thangaraj, Uma Maheswari Thavasiyandi, Manikandan Boominathan, Durai Varatharajan, Mohammed Faizullah,** Sundareswari Dhanabalan and Ferolin Jessina George., Comparative Analysis of Catch Efficiency and Seasonal Variations in Midwater Shark Longlining at Thengapattinam Fishing Harbour, Tamil Nadu., *Pakistan J. Zool.,* pp 1-7, 2025. **[NAAS 6.50** Scopus indexed**]**

- Ayesha Jasmin,S., **Tanveer, M*** and Pradeep, R. (2025). Energy budgeting and economic analysis of shrimp *(Penaeus vannamei)* production under different culture techniques in Tamil Nadu, India, **Aquacultural Engineering, Volume** 111, 102605, ISSN 0144-8609, https://doi.org/10.1016/j.aquaeng.2025.102605. **[NAAS 9.60]**

"சோதனை கடந்து சுதந்திரம் அடைந்தோம்
சாதனை புரிந்து சரித்திரம் படைப்போம்."