

UNIVERSITY

NEWSLETTER

TNJFU

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



Dear Readers,

The seafood export industry is upbeat with the exports of the marine products hitting an all-time high of 7740 USD during 2021-22, registering a growth of about 30% over the previous year. Although the exports for the year 2020-21 were hit badly by the pandemic, the value achieved in 2021-22 is still closer to 16% more than the figures for 2019 -20. The trend is very healthy with the seafood export CAGR in the past decade standing at 8.23% and poised to reach the target of Rs. One lakh crores set for 2024-25. This is largely due to the vanmei production of over 8 lakh tonnes through coastal aquaculture despite odds faced by the farmers and the policy support initiated through various schemes by the centre realizing the potential in the fisheries sector. The University on its part has to harness the initiatives and financial support provided by the government and promote the sector through its research and development of technologies. Our contributions to disease surveillance and diagnostics in coastal aquaculture systems and the development of cost-effective fish feeds are noteworthy. Our research programmes shall be oriented and shaped towards the changing needs of the state and the sector. The state government expects us to provide technical inputs for the establishment of schemes like seaweed parks, however, we are yet to reach a position to contribute adequately although a few research is being taken up on the seaweed front. Therefore, I request all our researchers and our Directorate of Research to orient our research in relevant fields that would serve the sectorial needs and bring relevance to the University.

The success of our outreach programmes depends on the skill and confidence imparted to our trainees to venture into start-ups. In that context, EDII -MPBIF functioning at the Department of Fish Processing Technology, Thoothukudi can be proud as one of its trainees/incubatees has successfully launched a dedicated seafood restaurant at Thoothukudi.

As a gender-sensitive organization, International Women's Day was celebrated at all our constituent units. World Forest Day, Taxonomist Appreciation Day, World Water Day and World Meteorological Day besides many skill development training were also observed. Special appreciation to CoFE, Nagapattinam for its recognition by the NIPAM, to all our students and staff for having won awards at the 1st Indian Fisheries Outlook-2022 at CIFRI, Barackpore and other forums.

Currently, our focus is on effectively organizing the 12th Indian Fisheries and Aquaculture Forum in Chennai during 5-7 May 2022. The response from the national fisheries research and educational institutes has been overwhelming and our concerted efforts with good planning will carry us through the event. I request all staff and research scholars to actively contribute to making the event truly memorable.

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

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VC EVENTS

Online meeting on Convocation:

The Hon'ble Vice-Chancellor, TNJFU conducted an online meeting on 02.03.2022 with all the Chairmen of the Committees of 7th Convocation.

Vice-Chancellor's Visit to Barur CeSA:

The Hon'ble Vice-Chancellor visited the Krishnagiri Barur Centre for Sustainable Aquaculture (KBCeSA) on 03.03.2022 and declared open the Packing shed and Larval Rearing Tanks constructed under NADP Scheme on Upgrading the aquaculture production Centres of TNJFU. The Vice-Chancellor also visited the farm and hatchery and reviewed the production works at the Centre for the development of tilapia farming.



Vice-Chancellor's Visit to Erode CeSA:



The Hon'ble Vice-Chancellor visited the Erode Centre for Sustainable Aquaculture (KBCeSA) on 04.03.2022 and inspected the compound wall constructed around the Centre and met with the beneficiaries under

NADP Scheme on Aquaponics and Agri-Aqua integrated farming.

Vice-Chancellor's Visit to AIIRLIVAS:



The Hon'ble Vice-Chancellor visited the Fisheries Demonstration Complex in AIIRLIVAS, Thalavaasal on the afternoon of 04.03.2022 and inspected the building construction works.

National Webinar:



The Hon'ble Vice-Chancellor inaugurated the two-day National Webinar organized by the College of Fisheries Engineering, Nagapattinam on the theme of "Intellectual Property: Patentability, Process and Commercial Aspects" on 07.03.2022 and delivered the presidential address.

Celebration of International Women's Day:



The Hon'ble Vice-Chancellor gave a special address during the celebration of International Women's Day at the University Head quarters on 08.03.2022.

51st University Officers Meeting:

The Hon'ble Vice-Chancellor conducted the 51st University Officers meeting at the Board Room, TNJFU, Nagapattinam on the forenoon of 11.03.2022.

12th IFAF - Review Meeting:

The Hon'ble Vice-Chancellor, TNJFU conducted the discussion / review meeting with all the University Officers and Chairmen of committees of the 12th IFAF at the Board Room, TNJFU, Nagapattinam on the afternoon of 11.03.2022.

7th Convocation Review Meeting:

The Hon'ble Vice-Chancellor, TNJFU conducted the Convocation Review meeting with all the Chairmen of committees of the 7th Convocation at the Board Room, TNJFU, Nagapattinam on the forenoon of 12.03.2022.

"Boomi Pooja" at Madhavaram:

The Hon'ble Vice-Chancellor, TNJFU participated in the "Boomi Pooja" for the construction of the Administrative Building of PPIFPT and Skill Development Training Centre at Madhavaram site on 14.03.2022.



Inauguration of the Incubation Centre & Dining Room at Madhavaram:

The Hon'ble Vice-Chancellor, TNJFU inaugurated the Incubation Centre at CFNFT Campus under NADP Scheme and a Dining Room at PPIFPT Campus, Madhavaram on 14.03.2022.



14th Meeting of the Finance Committee:

The Vice-Chancellor, TNJFU conducted the 14th Meeting of the Finance Committee of TNJFU at the Secretariat, Chennai on the afternoon of 14.03.2022.

18th Meeting of the Academic Council:

The Vice-Chancellor, TNJFU chaired the 18th Meeting of the Academic Council of TNJFU through virtual mode on 17.03.2022.



26th Meeting of the Board of Management:

The Vice-Chancellor, TNJFU chaired the 26th Meeting of the Board of Management of TNJFU through virtual mode on 17.03.2022.



MoU Signing Ceremony at FCRI, Thoothukudi:

EDII- Marine Products Business Incubation Forum of the Department of Fish Processing Technology, Fisheries College



and Research Institute (FCRI), Thoothukudi entered into an MoU with the Herblis Health Care, Madurai on 19.03.2022 at FC&RI, Thoothukudi. During the occasion Dr.J.Stephen Sampathkumar, Director

of Research in-charge of TNJFU and Mr. Venkataragavan, Founder, Herblis Health Care, Madurai signed and exchanged the MoU in the presence of the Hon'ble Vice-Chancellor.

JTRF Project Review at FC&RI, Thoothukudi:



The Hon'ble Vice-Chancellor conducted a review of the Junior Teacher Research Fellowship (JTRF) projects on 19.03.2022 at Fisheries College and Research Institute, Thoothukudi along with the

Director of Research i/c., TNJFU.

TNJFU Intercollegiate Tournament at FCRI, Thoothukudi:



Tamil Nadu Dr.J.Jayalalithaa Fisheries University (TNJFU) organized an Intercollegiate games Tournament 2022 at the Fisheries College and Research Institute, Thoothukudi from 17.03.2022

to 19.03.2022. A total of 150 boys and 65 girls actively participated from 10 constituent units of Tamil Nadu Dr.J.Jayalalithaa Fisheries University in the tournament with the true spirit of sportsmanship and competed in Volley ball (men and women), Kabadi (men), Badminton (men) and Table Tennis (men and women).

The Hon'ble Vice-Chancellor participated as Chief Guest in the valedictory function on 19.03.2022 and distributed prizes to the winning teams.



IX Scientific Advisory Committee Meeting:

The Hon'ble Vice-Chancellor participated in the Ninth Scientific Advisory Committee meeting at Krishi Vigyan Kendra (KVK), Sikkal on 22.03.2022 and gave the presidential address.



Graduation Day at V.O.C. College, Thoothukudi:

The Hon'ble Vice-Chancellor participated as Chief Guest on the Graduation Day of V.O.Chidambaram College, Thoothukudi on 25.03.2022, awarded degree certificates and delivered the Convocation address to the young graduates.



Stocking of marine fish seeds in Cages at MRFE, Tharuvaikulam:



The Vice-Chancellor participated along with the Hon'ble Minister for Fisheries, Fishermen Welfare and Animal Husbandry, Government of Tamil Nadu in the marine fish seeds stocking programme in marine cages under the NADP funded Scheme on "Integrated Multi-Trophic Aquaculture (IMTA) based culture technology to augment fish production as an alternative livelihood for the fisherfolk of Tharuvaikulam, Tamil Nadu" on 26.03.2022 at Mariculture Research Farm Facility, Tharuvaikulam organized by the Fisheries College and Research Institute, Thoothukudi.

Ingruation of Rybax- The Seafood Restaurant

The Hon'ble Vice-Chancellor inaugurated the "Rybax-The Seafood Restaurant" at Thoothukudi on 26.03.2022. Rybax is one of the incubatees of the EDII – Marine Products Business Incubation Forum (EDII-MPBIF), functioning at the Department of Fish Processing Technology, Fisheries College and Research Institute, Thoothukudi.



COLLEGE NEWS

Fisheries College & Research Institute, Thoothukudi Hostel day:

Hostel Day was celebrated on 14.03.2022. Mr. R. Amal Xavier, Joint Director of Fisheries (Regional) Thoothukudi, was the



event's, Chief Guest. Mr. R. Durairaja, Deputy Warden of the Boys hostel offered a welcome address.

Training Programme:



Organized a training programme under NADP funded Scheme on "Integrated Multi-Trophic Aquaculture (IMTA) based culture technology to augment fish production as an alternative livelihood

for the fisherfolk of Tharuvaikulam, Tamil Nadu" between 15.03.2022 and 16.03.2022. The Dean i/c has also released the training pamphlet on "Suitable species for culture in IMTA".

World Taxonomist Appreciation Day 2022:

The World Taxonomist Appreciation Day 2021 was organised on 19.03.2022. A total of 120 participants attended this programme. Dr. V. K Venkataramani, former Dean and Adjunct Professor delivered a special lecture on "Principles of Taxonomy, Classical taxonomy and Importance of Taxonomy". Dr. R. Saravanan, Senior Scientist, Mandapam Regional Centre, ICAR – CMFRI, Mandapam spoke on "Taxonomy of hitherto neglected marine taxa."



NFDB training programme:

Organised "Skill development to adopt the modernised information communication technological tools for fishing training for schedule caste fishermen of Thoothukudi District, Tamil Nadu" from 25.03.2022 to 29.03.2022. Mr.T.Vijayaraghavan, Assistant Director of Fisheries, participated as Chief Guest. The certificates were distributed to the trainees by the chief guest and Dean In-charge Dr.R.Santhkumar. Dr.G.Arul Oli, Assistant Professor, DFEES organized the training programme.



Awareness Programme:

An Awareness programme on "Impact of Microplastics on Aquatic Organisms" was held on 30.03.2022 at Perurani village, Thoothukudi District. Dr.P.Padmavathy, Professor and Head, welcomed the gathering. Dr.V.Rani Associate Professor, DAEM, stressed the ways and needs to control plastic usage in day to day life. Dr.R.Santhakumar, Dean in charge highlighted the degradation time of plastic materials. At the end of the programme Pamphlet on "Impact of Plastics on Aquatic



Organisms" was distributed among village people and students.

Training Programme:

A training programme was organized under NADP funded Scheme on "Integrated Multi-Trophic Aquaculture (IMTA) based culture technology to augment fish production as an alternative livelihood

for the fisherfolk of Tharuvaikulam, Tamil Nadu" between 29.03.2022 and 30.03.2022. Dr.R.Santhakumar, Dean i/c, FC&RI, Thoothukudi delivered the presidential address in the presence of Tmt. Kadodi, Panchayat President, Tharuvaikulam. Mr.K.S.VijayAmirtharaj Assistant Professor and Head i/c, coordinated.



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

Training Programme:

Training on "Production and marketing of prawn and freshwater fish products" to Scheduled Caste fisherfolks, farmers, youth and was conducted from 23.03.22 to 25.03.22. Fifty participants from Pulicat and Ponneri regions attended



NSS Special Camp:



The NSS special camp for the IV year B.F.Sc students were organised at Kannankottai for five days from 23rd March 2022. The veterinary camp was conducted with the support of Dr.U.N Saravanan, Veterinary Assistant Surgeon. A medical camp assisted by Dr.Daniel Educational and Medical Trust, Gummidipoondi was conducted. Tree plantation and fish pickle preparation programmes were conducted by NSS students. Mr.R.Velmurugan, NSS Programme officer coordinated the event in consultation with Mr.Govindasami, Village President.

Awareness Campaign:



Department of Fisheries Extension, Economics and day awareness campaign on 'Harnessing PMMSY scheme for livelihood development' at Kolathumedu Village, Tiruvallur District on 31.03.2022. The technical lectures were delivered by the faculty of DFEES and DAEM to benefit 100 scheduled caste fishers of the village.

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

Awareness Programmes:


- On 05.01.2022, Scheduled Caste fishers of Kodiyakarai were given awareness on "Conservation of Threatened and Endangered Fishery Resources". Various talks such as introduction to marine fisheries resources of Tamil Nadu, threatened and endangered marine fishery resources in Tamil Nadu, conservation and management of marine threatened and endangered species in Tamil Nadu and marine fisheries regulation acts were delivered. 
- "Biofloc Based GIFT Tilapia Culture Technologies" sponsored by MANAGE, Hyderabad to the scheduled caste fishermen, youth and women was organised from 14.03.2022 to 18.03.2022. Exposure visits to various fish and shrimp farms were arranged. Dr.S.Balasundari, Dean distributed the certificates and encouraged them to take up the business venture in the aquaculture sector. 

Inauguration of Students Association 2021-22:




Students Association 2021-22 was inaugurated on 15.03.2022. The office bearers took Oath in front of Chief Guest Dr.I.Thanabalan, M.V.Sc., Regional Joint Director, Animal Husbandry department, Thiruvavur.

Training programme:

"Preparation of value-added products from fish and seaweed" training programme was organised from 17.03.2022 to 18.03.2022. Theory topics such as hygienic handling of fish, contemporary value-added fish, seaweed products and financial assistance from nationalized banks for initiating business were covered by department faculties. Demonstrations of fish pickle, seaweed wafer and battered and breaded products were conducted. 

NFDB sponsored training programmes under SC-SP:


Organised skill development programme on "Value-added products from freshwater fishes as an income-generating activity for farm women" from 21.03.2022 



The trainees were provided various aspects of ornamental fish culture like breeding of livebearers and egg layers, water quality, feeding and disease management techniques and aqua scaping. 

"Eco-Friendly Shrimp Farming" at Thirupooni for fishermen, was arranged on 29.03.2022. Dr.M.Menaga, Programme Coordinator, Mr.Shivakumar and Mrs.Karthiga, Proprietor of Sri Aqua Promoters, Mr.Kanagasabapathy, M/s. Kemin Aqua Industries Pvt. Ltd. delivered the talks.

Training on the "Improved curing and Packaging Techniques for Cured fish products" was conducted from 28.03.2022 to 30.03.2022.

Skill Development Programme (SDP) was organised on "Management of Aquatic Diseases in Intensive Farming" 


for scheduled caste and scheduled tribes from 28.03.2022 to 30.03.2022. The three-day SDP consists of 9 technical sessions, 3 practical sessions and one field visit exposure to the trainees.

"Nagai Sangamam" Exhibition:



Participated in the "Nagai Sangamam" exhibition organised by the district collectorate, Nagapattinam district from 21.03.2022 to 24.03.2022. Posters, flyers, training manuals, fishing gear and craft materials and value-added products were displayed. The trained entrepreneurs of Oradiyampulam and Thalainayeru region have prepared fish cutlets and shrimp nuggets and sold them in the stall.

International Day of Forests:

"International day of Forest - 2022" was celebrated on 21.03.2022. Seventy-five saplings were planted in a total area of 112 square meters by the "Miyawaki method". Ten varieties of native and three varieties of medicinal saplings were planted by staff and students. 

Training Programme:

On the topic “Best Management Practices and Technology for Doubling the Income of Fish Farmers” training was held from 15th to 19th March 2022 with funding support from the National Institute of Agricultural Extension Management, Hyderabad. The trainees were sensitized to the importance of adopting good management practices and advanced aquaculture technologies for enhancing their income.



College of Fisheries Engineering, Nagapattinam

Sports Day Celebration:



The 3rd Sports day meet was declared open by Dr.N.Manimehalai, Dean (i/c) on 03.03.2022. Students actively participated in the track and field events with a true spirit of sportsmanship. The Chief Guest Thiru

G.Jawaha, IPS Superintendent of Police, Nagapattinam distributed Medals and awards to the winners. The event was organized by Dr. P. Karthickumar, Assistant Professor and Sports Secretary.

Participation in Nagai Sangamam:

Participated in the four days exhibition event – Nagai sangamam (21st March 2022 to 24th March 2022) that was organized to commemorate 75 years of India's independence - Azadi Ka Amrit Mahotsav. Value-added fishery products were displayed and kept on sale. The Hon'ble Collector of Nagapattinam Dr. A. Arun Thamburaj, Mr. N. Gowthaman, District secretary and other officials visited in addition to more than 2000 farmers, entrepreneurs and the public.



Online Workshop:

One Day Online Workshop on Solar Cell Panel and Its Applications (OWSCPA 2022) was conducted on 23.03.2022. More than 73 participants participated from Tamil Nadu, Kerala, Andhra Pradesh and Ethopia. Dr. Aniket Rana, Postdoctoral Research Associate, Department of Chemistry, Imperial College, London, UK has delivered a special talk on Organic Solar Cell. Dr.M.Ramar delivered a lecture on different kinds of Solar Energy and Solar Cells, Solar panels and Its Applications with real-time applications.



Skill Development Programme:

One Day skill development Programme on Fish processing techniques and value-added products from fish was conducted for students of Idhaya College for Women, Kumbakonam on 31.03.2022.

Dr.N.Manimehalai, Dean i/c, CoFE, inaugurated and Dr.P.Karthickumar, Assistant Professor coordinated.



Expert Talk:

Er. Razak Ali, Deputy Director (Aquacultural Engineering), Project Head & Aquatic Quarantine Officer, RGCA-MPEDA, Chennai, delivered an expert talk on 19.03.2022 and discussed the opportunities for B.Tech (FE). Dr.N.Inayathullah Neyasudeen, CEO-Shrimp Care Solutions, delivered a talk on the necessity of engineering graduates at every point during aquaculture on 26.03.2022.



Institute of Fisheries Postgraduate Studies

World Wildlife Day celebrated:



World Wildlife Day was celebrated on 03rd March 2022. A quiz competition was conducted on the theme “State Animals and Conservation” for the students. Dr. S. A. Shanmugam, Dean (Basic Sciences), delivered

the presidential address and presented the certificates to the winners.

Fresher's day celebration:

Fresher's day for B. Tech. (Biotechnology) and B.B.A was jointly conducted on 26.03.2022. The Presidential Address was delivered by Dr. S.A. Shanmugam, Dean (Basic Sciences). Dr. K. Kumanan, Officer i/c, and Dr.P.Sriram, Professor, gave the felicitation addresses.

DIRECTORATES

Directorate of Extension Education

Training on “Scientific Beekeeping”:

Training on “Scientific Beekeeping” was organized from 29.03.2022 to 04.04.2022 with financial assistance from the National Bee Board, New Delhi. 25 persons participated. An exposure visit to Agriculture College and Research Institute, KVK & beekeeping units in Madurai was arranged.



TNJFU exhibits in the First Indian Fisheries Outlook 2022 Conference:

TNJFU participated in the event under the 'GOLD' category and exhibited its technologies and products. Academic profiles of the constituent units and technologies developed by TNJFU were exhibited. Dr. Dilip Kumar, Former VC, ICAR-CIFE; Dr. Gopalkrishna, Former VC, ICAR-CIFE; Dr. V.V. Sugunan, Former Director, ICAR-CIFRI; Dr. P.Krishnan, Director, BoBP; Dr. Magadha, Dean, CoF, Mangaluru are some of the prominent visitors to TNJFU stall apart from farmers.



Directorate of Sustainable Aquaculture

Training programme:

"Basics of ornamental fish culture and breeding techniques" training was conducted at Trichy CeSA from 08.03.2022 to 10.03.2022. Dr. J. Stephen Sampath Kumar, Director-DSA inaugurated the training programme and 30 farmers & hobbyists attended.

Jehovah Shamma Centre for Marine and Wildlife Research, Ramanathapuram, hosted a training programme from 07.03.2022 to 11.03.2022 on Coastal and Open Sea Farming (COFA '22) at Syed Ammal Arts and Science College, Ramanathapuram. The faculties from MCeSA, delivered lectures to the participants in the zoology domain from different Universities in Tamil Nadu. Two training programme on "Indoor Nursery Rearing of Asian Seabass" and "Cage Culture of High-Value Marine Fin-fishes" was conducted at MCeSA, Seeniappa Dargha from 07.03.2022 to 09.03.2022 and 28.03.2022 to 30.03.2022, respectively. Mr.V.Abdul Khader Jailani, Assistant Director, Fisheries, Mandapam discussed the State Government's plans and schemes for undertaking cage culture and allied farming activities. Fish farmers/fisherfolk from Ramanathapuram district attended the training programme.

Directorate of Incubation and Vocational Training in Aquaculture

Workshop organised:

A workshop on "Advances in Aquaculture Production Systems: An innovative avenue for aqua start-ups" was



organised on 22.03.22 & 23.03.22. Dr. S. Seshadri, Advisor, Technology Incubator, Sathyabama University, Chennai delivered the chief guest address and a gave special lecture on "Entrepreneurship-converting ideas into start-up". Dr. N. Felix, Director, DIVA presided over the programme and distributed the certificates.

Directorate of Incubation and Vocational Training in Fisheries

Training programme:

An awareness cum training programme on "Care and maintenance of Marine Engine and Sea safety appliances" for the fishermen of Mandapam on was jointly with the Department of Fisheries and Fishermen Welfare, Ramanathapuram on 25.03.2022. Mr.Rameshbabu, Inspector of Fisheries, Rameshwaram emphasized the need for fishermen to take up technical training on Marine Engine maintenance and Navigational equipment. Faculties of DIVF served as resource persons.

Plantation and campus cleaning programme:

The "Campus Cleaning Programme" at Government Elementary School, Sundaramudaiyan, was conducted on 16.03.2022. All the students and staff of the institute actively participated and planted saplings on the campus. Plastic waste and weed plants were removed.

Common Events:

The International women's day (March 8), World Forest Day (March 21), "World Water Day (March 22)" & "World Meteorological Day" (March 23) were celebrated by the constituent units of TNJFU by conducting special events to mark the day.



Awards and Recognition:

Certificate of Appreciation to College of Fisheries Engineering, Nagapattinam in recognition of active participation in the National Intellectual Property Awareness Mission (NIPAM) launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR).

Mr.R.Dinesh, Assistant Professor, MCeSA, Mandapam received the "Fireboxx Award" on 21.03.2022 for providing numerous



From

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To

job vacancy information and opportunities to Fisheries and Aquaculture professionals through the job website, "The Metamorph".

Students and faculties received awards in First Indian Fisheries Outlook-2022:



ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata in collaboration with the Inland Fisheries Society of India and Professional Fisheries Graduate Forum (PFGF) has organized the 1st Indian Fisheries Outlook – 2022 Conference from 22nd to 24th March, 2022. Mr. P. Kalaiselvan of IV B.F.Sc won the first prize for the idea "IoT Based Nursery Rearing of Seabass in RAS - A Smart Farming System". A poster presentation of the innovative idea along with the model was presented during the conference.

Abirami.S, Kavimugaraja.M and Suwetha. P of Dr.MGR FCRI, Ponneri participated in Young Fisheries Talent Search and presented their innovative idea, "Greeniic - model of fisheries journalism and secured runner up position. The students were honoured with the Young Fisheries Talent Search Award – runner up award and a cash prize of Rs. 10,000. The staff and student of Fisheries College and Research Institute, Thoothukudi have received the following awards. Dr. R. JeyaShakila, Professor received Dr.B.C. Jha Gold Medal for distinguished research contributions and Dr. B. Sivaraman, Asst. Prof. obtained Dr. I. Karunasagar best Ph.D thesis award (PFGF). Dr. Lidya Wilwet awarded with Dr. N.R. Menon Best MFSc thesis award (PFGF), Th. Vikas Kumar, Ph.D scholar granted with the best oral presentation



and Ms.J.Amala Shajeeva Ph.D. scholar received Certificate of Appreciation for M.F.Sc. thesis.

Research Publications:

1. Ayesha Jasmin S, Pradeep, R. and **Tanveer, M.** (2022). An intelligent framework for prediction and forecasting of dissolved oxygen level and biofloc amount in a shrimp culture system using machine learning techniques (ESWA_117160). Expert Systems with Applications <https://doi.org/10.1016/j.eswa.2022.117160>(**IF/NAAS: 6.954/12.95**)
2. Rajasekar, V., **Karthickumar, P.**, Rose, A.H.R., **Manimehalai, N.** and Subhasri, D. (2022), "Development and characterization of biodegradable film from marine red seaweed (*Kappaphycusalvarezii*)", Pigment & Resin Technology, Published online. Doi:10.1108/PRT-09-2021-0119. (**NAAS: 7.26**)
3. **E. Suresh, A. Rathipriya, S. A. Shanmugam, R.** Hamsavalli and A. Kathirvelpandian (2022). Character-based diagnostic keys, molecular identification and phylogenetic relationships of thread fin breams (family: Nemipteridae) based on mitochondrial genes from the Southern coromandel Coast, India. Animal Biotechnology, 8: 1-13. DOI: 10.1080/10495398.2022.2040522 (**NAAS: 8.28**)
4. **Rani V., Deepika S.,** Abarna K. and **Uma, A.;** Isolation, identification, and optimization of growth conditions for the marine microalgae isolated from the Gulf of Mannar, South-east coast of India.; Regional Studies in Marine Science, <https://doi.org/10.1016/j.rsma.2022.102189> 2022; Vol:51 ; Page No. 102189 (**NAAS: 7.62 Scopus index:0.46**)
5. PickoSanggrik W.Sangma, **V. Rani, P.Padmavathy,** and VanlalhmangaihZuala ; Differential Capacity of Carbon Sequestration Potential: Analyzing *Avicennia marina* and *Salicornia brachiata* along the South-eastern Coast of India ;Journal of Coastal Research <https://doi.org/10.2112/JCOASTRES-D-21-00040.1> ; 2022 ; Vol: 38(2)Page No. 377 – 388 (**NAAS: 6.85**)

"சோதனை கடந்து சுதந்திரம் அடைந்தோம்
சாதனை புரிந்து சரித்திரம் படைப்போம்."