

Vol. 8 No.9
September 2021

Editor-in-Chief

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

Editor

Dr. M. Rajakumar, Ph.D.,
Director of Extension Education

Committee Members

Dr. N.V. Sujathkumar,
Dean i/c

Dr. N. Jayakumar,
Associate Professor and Head

Dr. A. Gopalakannan,
Programme Co-ordinator

Dr. C. Lloyd Chrispin,
Assistant Professor

Dr. D. Kesavan,
Assistant Professor and Head

Published by

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

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



Dear Readers,

The Vice-Chancellors conference held recently in New Delhi was a memorable one for TNJFU as we bagged the first rank winning the maximum number of JRF in the PG admission through AIEEA 2020 in the category of Veterinary and Fisheries Science. It is a moment to cherish as it showcased the dedicated work of our students and the commitment of our teachers.

I like to share the experience and information gathered at the conference with you all. Digital technology is widely used in agriculture and NAHEP has been funding such projects in a big way. NAHEP also provides for Centres of Excellence in AI and automation in agricultural processes and Climate-Smart Agriculture. If we focus our efforts on collecting and collating the knowledge and information available with us we do stand a chance in tapping these resources for our university.

We have not been an active part of the Virtual Classrooms and Agri Diksha or even CeRA as much as expected or as much as many of the universities make use of. These are monitored real-time by the ICAR and the classification and ranking of the universities are very much influenced by the level of participation. Under NAHEP, ICAR has developed a Resilient Agricultural Education System (RAES) where master trainers are trained to train more in the SAUs. Similarly, the Agricultural Experts Information System (AEIS) that aims to be the premier repository of agriculture experts across the country has been facilitating the needs of those in the field looking for experts and expertise available in the ICAR system including the SAUs.

Our Hon'ble PM, Narendra Modi has spared over 90 min during the conference and his address touched upon two significant aspects, "Back to Basics" and "March towards Future". The lessons we have learned need to be revisited whenever required and to plan for the needs and developments of the sector, he emphasized. The concerted efforts of the ICAR in focusing on food and nutritional security of the country has convinced the PMO and as a result, our PM involved himself so intensely with the ICAR and the farmers from across the nation.

The Chairman of ASRB revealed the under-performance of the students of SAUs in clearing the NET or ARS, especially in the disciplines of Aquaculture, Fish Health and Fish Nutrition where the pass percentage to the number of graduates appeared in NET is a poor 0.44, 6.67 and 9.38 % respectively, while in a few other disciplines like Fish processing and Fish genetics & breeding, the pass percentage is quite healthy over 35 to 50 %. These details have to be looked into carefully by our faculty staff to work with determination, training our students to gain the required knowledge to clear these exams. It is an opportunity where the challenges are more and the competition is less. Let us make good the opportunity.

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

VC EVENTS

TNJFU Won the PG Scholarship Award - First Position (AIEEA-PG-2020)

The first position in **PG Scholarship Award** under programme category of Veterinary & Fisheries Science was awarded to Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam by Hon'ble Minister of Agriculture & Farmers Welfare, Government of India on 28th September, 2021, on the occasion of the Annual Vice-Chancellors Conference at ICAR, NASC Complex, New Delhi. Nine graduates from Tamil Nadu Dr. J. Jayalalithaa Fisheries University won the scholarship in the ICAR's All India Entrance Examination for Postgraduate Admissions (AIEEA-PG-2020).



Met with the Hon'ble Union Minister of State for Fisheries

The Vice-Chancellor met with the Hon'ble Minister of State for Information & Broadcasting and Fisheries, Animal Husbandry and Dairying, Government of India Dr. L. Murugan at Shastri Bhavan, New Delhi on 29.09.2021.



22nd Meeting of Board of Management

The Hon'ble Vice-Chancellor chaired the 22nd meeting of the Board of Management at Conference Hall, Aquatic Rainbow Technology Park (ARTP), Madhavaram, Chennai on 06.09.2021. The meeting was held on a hybrid mode and external experts and a few members attended online.



Annual Performance Review of Staff

The Annual Performance Review of the Staff for the year 2020-21 was conducted by the respected Vice-Chancellor on 08.09.2021 & 09.09.2021 at Fisheries College and Research Institute, Thoothukudi.



Conference on Agricultural Scientific Tamil

The Hon'ble Vice-Chancellor, TNJFU participated in the 'Mid-Term Conference on Agricultural Scientific Tamil' (Theme: Tamil as Medium of instruction for Agriculture/Veterinary/Fishery) organized by Agricultural Scientific Tamil Society, New Delhi, held at Hotel Accord, Puducherry on 11.09.2021 and gave a special address. On this occasion, our Hon'ble Vice-Chancellor has received "M.S.Swaminathan Scientific Tamil Excellence Award" from Dr.Tamilisai Soundararajan, Hon'ble Lt. Governor of Puducherry for the year 2020-21 in recognition of his Scientific contribution in Tamil.



University Officers Meeting

The Hon'ble Vice-Chancellor, TNJFU conducted the 45th University Officers meeting through virtual mode on 16.09.2021.



Inauguration of Collaborative Project

The Hon'ble Vice-Chancellor, TNJFU inaugurated the Collaborative project on "Standardization of pond based culture technique for commercially important marine finfishes and pond based RAS for *Penaeus Vannamei*" at Kings Infra Ventures Limited, Chippikulam, Thoothukudi on 21.09.2021.



23rd Meeting of Board of Management

The Hon'ble Vice-Chancellor, TNJFU conducted the 23rd Meeting of the Board of Management through virtual mode on 23.09.2021.



Annual Performance Review of Staff

The Annual Performance Review of the Staff of Directorate of Sustainable Aquaculture for the year 2020-21 was conducted by the respected Vice-Chancellor on 23.09.2021 at Board Room, TNJFU, Nagapattinam.



TNJFU – Junior Teacher Research Fellowship (JTRF)

The final screening and selection of the proposals for funding support under TNJFU – Junior Teacher Research Fellowship (JTRF) for the year 2021-22 was conducted by the respected Vice-Chancellor on 24.09.2021 at Board Room, TNJFU, Nagapattinam.



International Coastal Clean-up Day 2021



The Hon'ble Vice-Chancellor participated in the "International Coastal Clean-up Day-2021" organized by the

College of Fisheries Engineering, Nagapattinam & National Coastal Centre for Research (NCCR) at Nagapattinam New Beach on 25.09.2021. The event started with students rally from Superintendent of Police Bungalow, Vellipalayam, flagged off by the respected District Collector, Dr. Arun Thamburaj, IAS and the Hon'ble Vice-Chancellor of TNJFU, Dr. G. Sugumar. The event was inaugurated with invocation at Nagapattinam New Beach. Respected Vice-Chancellor and District Collector involved in collection of waste in the Nagapattinam beach along with the students volunteers. About 70 NSS volunteers and Teaching and Non-Teaching staffs of College of Fisheries Engineering participated in cleaning the beach, who could remove 243.25 kg of garbage from New Beach, Nagapattinam.

Annual Vice-Chancellors Conference at ICAR

The Hon'ble Vice-Chancellor participated in the Annual Conference of Vice-Chancellors of State Agricultural Universities, held at ICAR, NASC, New Delhi on 28.09.2021.

Sub-Committee Meeting

The Hon'ble Vice-Chancellor conducted the Sub-Committee meeting of the Board of Management at the Chamber of Additional Chief Secretary to Government, Department of Animal Husbandry, Dairying, Fisheries and Fishermen Welfare Department, Secretariat, Chennai on 30.09.2021 for tender finalization.

College News

Fisheries College & Research Institute, Thoothukudi Training programmes :

A one day physical training programme on "Live Feed Culture" was conducted by the Department of Aquatic Environment Management, on 01.09.2021. The programme was sponsored by the National Fisheries Development Board, Hyderabad under PMMSY Scheme. Dr. V. Rani, Associate Professor, DAEM, served as training Co-ordinator. Mr.R.Muthamil Selvan, District Executive Officer, Tamil Nadu Rural Transformation Project, Thoothukudi was the Chief Guest. The Dean in-charge released a training manual on "Live Feed Culture Technique for fish/shrimp larvae". Lectures on "Importance of Live Feed Culture", "Moina Culture Technique", "Artemia Cyst Hatching Technique and Biomass Production" were given. The participants were given demonstration on "Culture of Micro worms, Infusoria, White worms, Red Soldier fry larvae and Earthworms" by Mrs. Raswin Geoferry, Ornamental Fish Entrepreneur. A total of 50 participants of Ornamental / Shrimp farm entrepreneurs, Women Self Help Group and rural youth have participated.



A three days physical training programme on 'Preparation of Fishery by-products from 15.09.2021 to 17.09.2021 with the funding support from the National Fisheries Development Board, Hyderabad under PMMSY was organized. Father Rev. Uberttus, St. Joseph Church, Dr.S.Selvi, Assistant Professor, St. Mary's College and Mrs. Saravanabama, Social Organiser, Mahalir Thittam, Thoothukudi district felicitated the event. Dean in-charge Dr.N.V. Sujathkumar, during his presidential address, stressed the importance of converting the huge fish waste generated during processing and cleaning in the fish markets into valuable products. A training manual on 'Preparation of Fishery By products' was also released. Mr.M.Muruganantham, Assistant Professor, served as the training Co-ordinator and proposed a vote of thanks. A total of 50 self help group women and rural youth have benefitted out of this training.



Under the funding support of the National Fisheries Development Board (NFDB), Hyderabad, this institute organized a one-day training programme on Fish Smoking Technique and Masmin Production on 17.09.2021. A total of 50 beneficiaries attended. Mrs. Karolin, Assistant Professor, Department of Food Science and Nutrition, Holy Cross Home Science College, Thoothukudi delivered a key note on the nutritional aspects of fish. The function was presided over by Dr. N.V. Sujathkumar, Dean in-charge. The production of masmin from tuna was demonstrated for the benefit of the participants during the training session. Dr. P. Jawahar, Controller of examination, participated and distributed the certificates.



A three-day skill development training programme on "Sprouting Entrepreneurship in Marine Products" with funding from the Entrepreneurs Development Innovation Institute (EDII), Chennai was Organised from 21.09.2021 to 23.09.2021. At the inauguration function, Dr.P.Ganesan, Assistant Professor and Head & Project



Coordinator of EDII - MPBIF, welcomed the gathering. Mrs. D. Shunmuga Selva Sivasankari and Mrs. R. Thanga Selvam, Assistant Professors of Annamal College of Education for Women in Thoothukudi, spoke to the participants about the significance of the training programme and job opportunities.

The valedictory celebration was presided over by Dr. N.V. Sujathkumar, Dean in Charge. Mr. Ashokkumar, Deputy Director, Marine Products Export Development Authority (MPEDA), Thoothukudi spoke at the event and gave a guest lecture on marine product export guidelines and regulations.



Conducted a need-based Three days on-campus training programme on "Inland Fisheries and Fishing Gear Fabrication, Operation and Mending" from 27.09.2021 to 29.09.2021 at FC&RI, Thoothukudi. Dr.N.V.Sujathkumar, Dean in-charge encouraged the participants and to become a successful entrepreneur. Dr.T.Umamaheswari, Assistant Professor, DFEES and Mr.T.Ravikumar, Assistant Professor, DTFE co-ordinated the training programme. In this programme, the trainees were given knowledge on various aspects of inland fisheries, classification of inland fishing gears, fishing gear fabrication, fishing gear operation and mending and economics and marketing.



Organized Coastal Clean-Up Campaign:

The "Coastal clean-up campaign" under National Centre for Coastal Research (NCCR) funding support at Muthu Nagar Beach, Thoothukudi was organised on 25.09.2021 to mark the International Coastal Clean-up (ICC) Day. Dr.N.V.Sujathkumar, Dean (i/c), welcomed the gathering and spoke about the need of environmental cleaning and the increasing garbage in coastal areas during the inaugural campaign.



Mr. Srutan Jai Narayanan, IAS, Sub-Collector, Thoothukudi district, launched the campaign and gave the inaugural address, emphasising the necessity of cleaning coastal regions. The NSS Coordinator, Mr. M. Muruganantham, gave a vote of thanks. During the cleaning campaign, 541.495 kg of garbage was collected and

disbursed to the Municipal waste godown. The entire programme was coordinated by Students Association. The staff and students actively participated in the campaign.



Dr. M.G.R Fisheries

College and Research Institute, Ponneri

National virtual conference - PONSHRIMP 2021

The Department of Aquaculture, organized national virtual conference – ‘PONSHRIMP’ - 2021 on 03.09.2021 in the theme ‘Aquaculture system and Biosecurity Strategies in Shrimp Farming’. Dr. Cheryl Antony, Professor and



Head & Co-Convener introduced about the event. Dr. B. Ahilan, Dean, explained the significance of the event and delivered welcome address. The event was inaugurated by

Prof. G. Sugumar, Vice-Chancellor, TNJFU, Nagapattinam with an inaugural address. Dr. Baskaran Manimaran, Former Vice Chancellor, TNJFU, Nagapattinam talked about biosecurity in Shrimp farming; Mr. A. Kumaresan, Senior DGM & Marketing Head Shenglong Biotech (India) Pvt Ltd, Chennai spoke about nursery model V 2.0 & Management Practices; Dr. Shyne Anand, Senior Scientist, ICAR-CIBA, Chennai briefed on important management aspects in shrimp farming and Finally, Mr. V. Balasubramaniam, General Secretary, Prawn Farmers Federation of India provided insight on recent trends and advances in Shrimp production systems. The participants numbering 177 (shrimp farmers/academicians/students) attended. The event concluded by vote of thanks by Dr. P. Chidambaram, Professor, Department of Aquaculture.

Webinars organised:

The Department of Fisheries Extension, Economics and Statistics (DFEES), organized National Fisheries Development Board (NFDB) funded awareness webinar entitled “*Harnessing ‘PMMSY’ scheme for aquapreneurship development in Tamil Nadu*” on 16.09.2021. Mrs.

S. Agnes Daney Angela, Assistant Professor and Head, DFEES welcomed the gathering. The webinar was inaugurated by Dr. B. Ahilan, Dean i/c of the institute.



The technical session had three technical lectures. N. Chandra, Executive Director (Technical), NFDB gave insight into PMMSY for fisheries sector development, R. Ravichandran, Deputy Director of Fisheries, Govt. of Tamil Nadu talked about ‘PMMSY initiatives in Tamil Nadu’. and S. Kazhugaashalamoorthy, Chief Merchandising Officer,

Kemia Industries Limited briefed about ‘DPR preparation for availing PMMSY project’ in the webinar. The vote of thanks delivered by Dr. C. Lloyd Chrispin, Assistant Professor.



A total of 227 participants attended.

The Department of Aquatic environment management, conducted a one day NFDB funded Webinar on “*Role of algae in Food, Feed, Fuel, Fertilizer and Medicine*” on 21.09.2020. Dr. D. Manikandavelu, Professor & Head has given the welcome address and the inaugural note was delivered by Dr. B. Ahilan, Dean i/c, Dr. MGR. FC & RI. Technical lectures were delivered by three speakers on the context as follows: Dr. Sachitra Kumar Ratha on “*Sustainability assurance of livelihood through algae*”; Dr. B. Johnson on “*Prospects and protocols of macro algae cultivation and scope for value addition*” and Dr. S. Nagaraj on “*Bioactive molecules, bio-polymers and pigments from algae*”. A total 245 participants attended via online mode. Vote of thanks was delivered by Ms. S. Aruna, Assistant Professor.

Training programme :

Department of Fish Processing Technology organized a three day training programme on “*Production, Packing, Quality Control and Marketing of Value-added Aquatic food products*” with the funding support of National Fisheries Development Board, Hyderabad under Pradhan Manthiri Sampada Yojana Scheme (PMMSY) from 22.09.21 to 24.09.21. Dr. B. Ahilan, Dean i/c inaugurated the training programme and insisted the importance of training on the production of value-added fish products. Dr. D. Manikandavelu, Professor & Head, DAEM welcomed the participants Twenty Five participants attended and benefitted. Mrs. Nimish Mol Stephen, Assistant Professor & Head, DFPT organized the programme.

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

Exhibition on the observance of “Nutrition week 2021”

Organised an exhibition on the observance of “*Nutrition Week 2021*” under Unnat Bharat Abhiyaan at ST. Xavier higher secondary School, Neermulai on 07.09.2021 with 300 students Fish products such as Fish Cake, Fish Kure, Fish Pasta, Apple Snail Soup Powder, Fish Soup Powder, Fish pickle, Fish biscuits, Fish curry in retort pouch, Dry fish and Seaweed jam were demonstrated. posters on Health Benefits



of Fish, Toxic additives in Fish Products, Indigenous Fishing boats of India, Hygienic handling of fresh fish, Contemporary Value added fish Products, Traditional fish preservation methods, Commercially important food fishes, Fish in nutrition and Habitats of fishes were exhibited. Awareness sessions were handled by Mr. V. Vijayarahavan, Assistant Professor and Mrs. S. Vimaladevi, Assistant Professor.



PoshanMah and Tree Plantation

The PoshanMah and Tree Plantation Campaign were conducted on 17.09.2021. Tree samplings were distributed to the women beneficiaries and farmers of Thalainayeru.

Participated in Exports Conclave

Participated in the Exporter's Conclave of Nagapattinam and Mayiladurai Districts conducted by the District Collectorate, Nagapattinam on 24.10.2021. Value-added fish



products including ready to eat/ready to cook products viz., fish pickle, shrimp pickle, apple snail soup powder, fish kure, fish wafer, fish meal, fish/shrimp/squid curry in retort pouch and fish/prawn biriyani in retort pouch were displayed in the stall. Posters, flyers on various value-added products including ready to eat/ready to cook convenience products were also displayed. Thiru. A.K.S. Vijayan, the State Government representative to Delhi and Mr. Shanawas, MLA, Nagapattinam constituency have inaugurated the exhibition and visited stall. Dr.S.Balasundari, Dean highlighted importance of the Ready to Eat/Ready to Cook convenience products to the District Collector and delivered a talk on "entrepreneurial opportunities in fish products business" to entrepreneurs and investors.



Virtual training programme :

A Virtual training programme on Different Generation of Biofloc Systems was organised on 30.09.2021. Dr.S.Balasundari, Dean encouraged the participants to get a clear array of thoughts about Biofloc production systems in welcome address. Dr.Nyan Taw, a world renowned International Consultant from Malaysia shared his wide knowledge and experience that has been gained in south East Asia and Middle East countries. Participants from different



parts of the country more particularly from Andhra Pradesh have attended the training programme.

College of Fisheries Engineering, Nagapattinam

3 Days non-residential training program:

Department of Aquacultural Engineering organized a 3 day non-residential training program on "Engineering considerations for economical design of shrimp farm" funded by NFDB under PMMSY from 6.09.2021 to 08.09.2021. The presidential address was delivered by Director of



Extension Education, TNJFU, who was welcomed by the Dean (i/c), College of Fisheries Engineering. The resource person, Er. G. Rathinaraj, former Joint director MPEDA and Former Executive Director (Technical) NFDB delivered lectures related to different engineering principles in farm construction and advised the farmers regarding economical way of designing the shrimp farm. 50 farmers from Tamil Nadu and Puducherry participated. The programme was coordinated by Dr. Mohammad Tanveer, Associate Professor



College of Fish Nutrition and Food Technology, Madhavaram

E-Quiz:

The E-Quiz on "Diet and Fitness for Youth" was conducted on 23.09.2021. The first and second places were won by Mr. A. Jefrin, College of Fish Nutrition and Food Technology, Chennai and Ms. Hayanthika M.S., Kongu Engineering College, Erode and the third place won by Ms. Ahila Benet K.C., College of Fish Nutrition and Food Technology, Chennai. Cash prizes were given to winners. The programme ended well with the vote of thanks delivered by Dr. Usha Antony, Dean.



Fireless Cooking competition:

The Fireless Cooking competition on the theme of "Good Protein, Good Health" was conducted on 23.09.2021. Products were evaluated by Dr. Usha Antony, Dean, Mrs. Dhanupriya, Honory Treasurer, AFST(I) Chennai Chapter and Faculties of CFNFT, Chennai. The first place was won by AISWARYA B. and COWSICA G. M., for the product *Hung Curd Falooda* from



the College of Fish Nutrition and Food Technology, Chennai. Second place was won by ADITI S., for *Super Protein Upma* from the Kongu Engineering College, Erode and third prize was won by SANJAY RAJ R. and VIJAY

M., for *Protein Bar* from the College of Fish Nutrition and Food Technology, Chennai. The E-Certificates and cash prizes were issued to the winners and participants.

Webinar conducted:

Commemorating the National Nutritional month 2021, the College of Fish and Nutrition and Food Technology organized a webinar on "Diet and Fitness for Youth" on 25.09.2021 jointly with the Association of Food Technologists, India (AFST(I)) and Network of Professional of Food and Nutrition (NetProFaN), Chennai chapter. A total of 170 students participated in the programme. Dr. Usha Antony, Dean, CFNFT delivered the welcome address. Dr. G. Sugumar, Vice chancellor, TNJFU delivered the presidential address and highlighted the importance of celebrating the National Nutritional Month. Mr. A. Mannivannan, President, AFST(I), Chennai Chapter shared his thought on the significance and importance of diet and fitness for youth which may benefit the student community. Dr. Meenakshi Bajaj, Former President, Indian Dietetic Association and Convenor, NetProFaN, Chennai Chapter gave a presentation on the activities carried out by AFST(I) and NetProFaN. Ms. S. Dhanupriya, Honorary Treasurer – AFST(I), NetProFaN, Chennai shared her thoughts on bringing the students and researchers together for Research, Innovation and Advancement in the field of Food Science and Technology. Ms. Shreya Adhav, Founder and Sports Nutritionist at SpirEat Sports Nutrition Clinic took an elaborated session on the "Diet and Fitness for Youth".



Directorates

Directorate of Extension Education

National Campaign on Nutri-Garden and Tree Plantation Drive:

ICAR- Krishi Vigyan Kendra, Nagapattinam celebrated National Campaign on Nutri-Garden, Tree Plantation Drive

on the eve of **International Year of Millets 2023** and created awareness about importance of millets in nutritional security to the Anganwadi workers and farm women on 17.09.2021. Mr.M.Selvaraj, Member of Parliament, Nagapattinam presided over the function and inaugurated the exhibition. He stressed on the need for mothers to take nutrition, the role of nutrition in maintaining good health and mental development. Dr.



M. Rajakumar, DEE, TNJFU gave a welcome address. Mr.S.Panneerselvam, Joint Director of Agriculture Nagapattinam District, Dr.R.Divya, Assistant Director of Horticulture, Mrs.S.Chitra, Project Officer,

Integrated Child Development, Nagapattinam, Mr.A.Joseph Daniel Forest Range Officer and IFFCO Zonal Officer Mr.Pommannan attended and delivered key note address. Dr.A.Mathivanan, SMS (Home Science) explained the Role of Millets in human health. Mr.K.Raghu, SMS (Horticulture) explained about setting up a nutritious vegetable garden. Dr.A.Gopalakkannan, Programme Coordinator, KVK delivered the vote of thanks. The event was attended by 151 participants including Anganwadi workers, school students and farmers. 100 tree saplings were planted in the KVK campus. Vegetable seed pockets and Tree saplings were distributed to the all the participants. Millets, cereals, value-added products from millets, traditional paddy varieties, Organic agricultural inputs, natural food products, bio-fertilizers, Nano fertilizers were displayed in the Exhibition.

Trainings:

Training on Desi Bird Poultry rearing was conducted to RAFTEER Scheme beneficiaries from 13.09.2021 to 15-09-2021 at Department of Animal husbandry, Nagapattinam to 30 beneficiaries. Training was inaugurated by Dr. M. Subbaiyan, Joint Director of Animal Husbandry, Nagapattinam. Dr.Selvaraju, Assistant Director, Department of Animal Husbandry welcomed the gathering. Technical sessions were handled by Dr.S.Muthukumar, Subject Matter Specialist (AH), ICAR-KVK, Nagapattinam.



The ICAR-Krishi Vigyan Kendra conducted one day training program on "Carp culture in Farm ponds" on 28.09.2021 at KVK, Sikkal, Nagapattinam. Dr. A. Gopalakannan, Programme Coordinator inaugurated the training program and spoke on Fisheries based Integrated Farming system and Health management measures in farm ponds. Mr.E.Hino Fernando, Subject Matter Specialist (Fisheries Extension)

From

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

To



handled a technical sessions. Mr. Jeyaraj, Assistant Director of Fisheries explained about the various schemes available for inland fish farmers of the district. Dr.A.Mathivanan, SMS(FPT) briefed about

the avenues of value added fishery products for Inland fishes. Around 30 farmers from various parts of the district participated in the training program.



Directorate of Sustainable Aquaculture Training programme :

Kanyakumari Parakkai Centre for Sustainable Aquaculture, conducted a three day training programme on **Ornamental Fish Culture** from 29.09.2021 to 01.10.2021 at Moothiramalai Village under the scheme NADP (2019-20) on Upgrading Sustainable Aquaculture Productions Centres of TNJFU for operation through Private – Public Partnership for Integrated Agriculture Development. Twenty five ST participants have attended the programme. Mr. P. Velmurugan, Assistant Professor, KKPCeSA, Parakkai Coordinated the training programme.. Mr. Mohanraj, Assistant Director of Fisheries, Dept. of Fisheries and Fishermen Welfare, Nagercoil was the chief Guest..A Manual was distributed to the trainees along with certificates.

Directorate of Incubation and Vocational Training in Aquaculture

Training conducted at Muttukadu:

The Directorate of Incubation and Vocational training in Aquaculture (DIVA) organised one-day training on "Floating and Sinking feed preparation for fishes and shrimps and feed management practices" under NFDB – PMMSY on 17.09.2021. A total of 50 fish farmers have attended. Dr. A.R. Thirunavukkarasu delivered felicitation address and also gave a special lecture on "An overview of fish and shrimp farming in India". Lectures on carp farming, shrimp farming and importance of spirulina in shrimp farming were also delivered. Dr. N. Felix, Director, distributed the certificates to the trainees.

Research Publications :



Manikandan K., Felix, N., ;2021 ; Growth performance, apparent digestibility coefficients and digestive enzyme activities of Pacific white shrimp, *Penaeus vannamei* fed low fishmeal diets supplemented with DL-methionine and phytase ; Aquaculture Nutrition ; **NAAS Score : 8.23**

Uma, P. Karthik, J. Praveenraj, G. Rebecca. 2021. First report of *Perkinsus* sp. Levine, 1978, infection in the bivalve *Magallanabilineata* (Röding, 1798) from Pulicat Lake, Tamil Nadu, South east Coast region of India. *Indian journal of Fisheries* 68:2. DOI: <http://dx.doi.org/10.21077/ijf.2021.68.2.83315-18>, **NAAS Score : 6.26**

Deepika, S, Padmavathy. P, Srinivasan. A, Sugumar. G, Jawahar. P; *Short Term Effects of Antimicrobial Agent Triclosan on Oreochromis mossambicus (Peters, 1852): Biochemical and Genetic Alterations ; Indian Journal of Animal Research ; September, 2021 ; Published online ; NAAS Score : 6.40*

**"சோதனை கடந்து சுதந்திரம் அடைந்தோம்
சாதனை புரிந்து சரித்திரம் படைப்போம்."**