

TN FU NEWSLETTER

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FROM THE DESK OF
VICE-CHANCELLOR.....



Dear All,
Greetings !

My New year wishes to all the students, faculty, officers and staff of the University and lets inculcate the work culture in tandem for a holistic progress of TNJFU.

As it is fresh month of the year, with new beginnings and hope, several developmental plans were charted out. In Fishing Technology and Mariculture, a national workshop on *"Boost Up Blue Economy in Tamil Nadu through Coastal Cage Farming & Deep Sea fishing"*, in Aquaculture and Marketing Chola Aqua-2020 on the theme *"Scaling Solutions for Fair Trade in Aquaculture"* and to encourage business startups-A one day workshop on *"Accelerating Business Workshop in Aquaculture"* are planned.

Monitoring of various constituent units of University was assessed through the monthly meetings of the University Officers through Skype. Owing to Farmers festival, *'Pongal Thirunaal'* various initiatives taken by TNJFU were briefed to improve the Fisheries sector through Doordharshan. 71st Republic Day was celebrated at TNJFU headquarters by unfurling the National flag. Honouring the best faculty staff and employees of this University by providing appreciation certificates in recognition of their contribution was also done.

The research accolades and achievements of the University were released in 5th Research Council and 5th Extension Council meetings. TNJFU's *'Technology Release Manual'* in English and Tamil were also released on this occasion.

I believe that the rigours of the contemporary world will require knowledgeable professionals who could withstand the dynamics of the fast changing world. We are prepared to accept new challenges and make our University a well known educational centre of knowledge generation, acquisition and dissemination.

Prof. S. Felix
Vice-Chancellor

VC EVENTS

Prof. S. Felix, Vice-Chancellor met the Hon'ble Governor of Tamil Nadu to share the New year wishes on 01.01.2020 along with the other Vice-Chancellors of the state.



Delivered a talk in Doordharshan on 10.01.2020

On the eve of Pongal, on behalf of Tamil Nadu Dr.J.Jayalalithaa Fisheries University Prof. S. Felix, Vice-Chancellor was invited to deliver a talk in "Vayalum Vaalloum" event organized at Doordharshan Station, Chennai on 10.01.2020.

Attended the NADP – SLPSC Meeting at Secretariat on 23.01.2020

Participated in the SLPSC meeting for National Agriculture Development Plans (NADP) for the year 2020-2021

71st Republic Day at TNJFU Head Quarters on 26.01.2020

The 71st Republic Day was celebrated on 26.01.2020 at Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam with fervour. Dr. S. Felix, Vice-Chancellor of this university unfurled the national flag. On this occasion, he remembered with gratitude the enormous efforts and sacrifices of millions of freedom fighters whose blood and sweat gave us Independence and created our Republic. He elaborated the accolades and achievements of the University towards vision 2020. He appealed to the young people to come forward to take up the university to its next level in terms of Research and International collaboration. He honoured the



best faculty staff and employees of this University by providing appreciation certificate in recognition of their contribution.

5th Research Council Meeting held at TNJFU Headquarters, on 29.01.2020

The 5th Meeting of Research Council of Tamil Nadu Dr. J. Jayalalithaa Fisheries University was conducted at the Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam on 29.01.2020 under the Chairmanship of Prof. S. Felix, Vice-Chancellor, TNJFU. The Member Secretary, Prof. G. Jeyasekaran, Director of Research presented the report on the research achievements. The University Officers, Heads of the Departments & Heads of Research Centres were also present in the meeting.



5th Extension Education Council Meeting held at TNJFU Headquarters, on 29.01.2020

The 5th Meeting of Extension Education Council of Tamil Nadu Dr. J. Jayalalithaa Fisheries University was conducted at the Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam on 29.01.2020 under the Chairmanship of Prof. S. Felix, Vice-Chancellor, TNJFU. The Member Secretary, Prof.M.Rajakumar, Director of Extension Education has presented the report on the extension achievements. 'Technology Release Manual' of TNJFU in English and Tamil were released on this occasion.



DIRECTORATES

Report on International Potato conference and Webcasting of Hon'ble PMs speech

ICAR-Krishi Vigyan Kendra was arranged for Webcasting of Hon'ble PMs speech on International Potato Conference at KVK, Sikkal, Nagapattinam on 28.01.2020. Webcasting of Hon'ble PMs speech on International Potato Conference was done and translated the speech in regional language. Students from Higher Secondary School, Sikkal, and farmers from nearby villages attended the programme. All SMS and Programme Assistants of KVK coordinated and arranged for the conduct of the programme.



NABARD-LEDs- Skill Training Programme

Training on Livestock farming- Dairy, Goat and Poultry Rearing was conducted at Chettipulam. In this training programme, silage making, hydroponics fodder cultivation, azolla cultivation, vaccination and deworming, disinfectant preparation and application, ethnoveterinary formulation for mastitis technologies were explained by the Subject Matter Specialist (Animal Husbandry). There were 39 beneficiaries participated from nearby villages. The above training programme was funded by NABARD and coordinated by Valanadu farmer producer company, Sirkazhi.



Centre for Sustainable Aquaculture Training 1

Training on "Freshwater Aquaculture" was conducted at Office of the Assistant Director of Fisheries, Manimuthar for the TNIAMP beneficiaries of Tirunelveli district from 7.1.2020 – 9.1.2020. The beneficiaries were explained about the Methods of Freshwater Fish Culture Techniques by the staff of DCeSA.

Training 2

Training on "Freshwater Aquaculture" was conducted at Thanjavur Centre for Sustainable Aquaculture for the TNIAMP beneficiaries of Trichy, Thanjavur, Ariyalur, Perambalur and Pudukottai districts from 30.1.2020 – 1.2.2020. The beneficiaries were explained about the methods of Freshwater Fish Culture techniques by the staff of DCeSA

Doordarshan Programme

The technical activities of Thanjavur Centre for Sustainable Aquaculture was recorded by Doordarshan Kendra, Chennai (Podhigai TV) and broadcasted in "Ponvilayum Bhoomi".

Training programme on "Right to Information Act"

A training programme on "Right to Information Act, 2005" to the University Officers, Teaching and Administrative staff of TNJFU was conducted on 23.01.2020 at TNJFU Head Quarters, Nagapattinam and 14.02.2020 at ARTP Conference Hall, TNJFU Madhavaram campus, Chennai. Totally 65 staff members attended the training programme.

Growout feed for cage culture of GIFT tilapia

Feed ingredient composition of newly developed GIFT tilapia floating feed (24% protein) was developed under NADP funded project on "Development of cost efficient feed for enhancing freshwater fish production" at DIVA, Muttukadu. The cost of presently developed GIFT tilapia floating feed (24% protein) is ₹ 33.8 per kg. The cost of 24% protein commercial feed available in the market ranges from ₹ 34.50 to ₹ 40 per kg.

COLLEGE NEWS

One day awareness training programme on "Entrepreneurship in Value Added Marine Products" Conducted by FC&RI, Thoothukudi

A one day Awareness Training Programme on "Entrepreneurship in Value Added Marine Products" was organized under the "EDII-Marine Products Business Incubation Forum" scheme by the Department of Fish Processing Technology, Fisheries College and Research Institute, Thoothukudi on 07.01.2020. A total of 30 participants from THUDITSSIA, Thoothukudi participated in the training. The participants were exposed to the infrastructure facilities and modern equipments used for fish processing and value addition of fish and fishery



products at the Incubation Centre of the Department of Fish Processing Technology so as to use the facilities for their start-up.

Report on fish seed stocking in farm ponds of FC & RI, Thoothukudi

The Department of Aquaculture, FC&RI, Thoothukudi has a freshwater fish farm complex comprising of 15 ponds and a mini-reservoir with a water spread area of 2.7 ha that supplies water to all the ponds. Various culture activities are being carried out in these ponds. The ponds were stocked with a total of 36,000 fish seeds. The species composition comprises catla, rohu, mrigal, silver carp, common carp and grass carp. The fish seeds stocking was initiated and released in the farm ponds and reservoir on 24.01.2020 by the Dean, FC & RI, Thoothukudi.

71st Republic Day Celebration at FC&RI, Thoothukudi

Fisheries College and Research Institute, Thoothukudi, celebrated the 71st Republic Day in a grand manner. The staff and students participated in the programme. Dr.B.Sundaramoorthi, Dean unfurled the National Flag and the College staff, students and Security personnel honoured the National Flag. Dean, FC&RI, Thoothukudi spoke on the history and importance of India becoming a republic and achievement made in IT, space and Food Production. He reminded the role to be played by all true citizens of the Nation in executing our democratic rights. The Dean also presented the Best Worker Awards.



State exposure visit of farmers to FC&RI, Thoothukudi

A total of 50 farmers of Ramanathapuram under ATMA project of Department of Agriculture visited the Fisheries College and Research Institute, Thoothukudi on 29.01.2020. A lecture on ornamental fish culture was delivered to the farmers.



Personal Effectiveness Programme conducted at the FC&RI, Thoothukudi

The Fisheries College and Research Institute, Thoothukudi and Rotary Club of SPIC Nagar, Thoothukudi jointly organized

a Personal Effectiveness Programme for the final year B.F.Sc. students of this Institute on 09.01.2020. A total of 48 students attended the programme.



Pongal festival was celebrated at FC&RI, Thoothukudi

Pongal festival, the celebration of first harvest of farmers, was celebrated at Fisheries College and Research Institute, Thoothukudi on 10.01.2020. Students and staff participated in the festival with traditional attire. Dr.B.Sundaramoorthi, Dean, inaugurated the festival. The Vice president of Student's Association, Dr.S.Davidkingston and the Physical Director, Dr.Natarajan made arrangements for the programme.



Staff and students of Fisheries College and Research Institute, Thoothukudi administered pledge on "National Voters' Day"

The "National Voters' Day" was observed on 24.01.2020. All the staff and students of Fisheries College and Research Institute, Thoothukudi took part in the voters day pledge.

Staff and students of Fisheries College and Research Institute, Thoothukudi Observed "Silence and Took pledge against untouchability"

In connection with the Martyr's Day, all staff and students of Fisheries College and Research Institute, Thoothukudi observed two minutes silence followed by pledge on 30.01.2020.

Traditional day celebrated at Dr. M.G.R FC & RI, Ponneri



The Pongal festival combined with Traditional day (Paarambariya Vizha) was celebrated at Dr. M.G.R. Fisheries College and Research Institute, Ponneri on 10.01.2020. Mr. Pancha Raja, Asst. Director of Fisheries (Ponneri) and Dr. B. Ahilan, Dean, presided over the prize distribution function. All the students and staff actively participated and enjoyed the festivities in traditional attire.

Dr. M.G.R FC & RI, Ponneri observed National Voters' Day

All the teaching as well as non-teaching staff of Dr.M.G.R Fisheries College and Research Institute, Ponneri took pledge on the "National Voters' Day" on 24.01.2020.

Dr. M.G.R. FC & RI, Ponneri celebrated the 71st Republic Day



Dr. M.G.R. Fisheries College and Research Institute, Ponneri celebrated the 71st Republic day at its main campus. The Dean unfurled the National flag and the college staff, students and security personnel honoured the National flag. In the republic day address, the Dean spoke on the history as well as importance of India becoming a republic and invited the staff and students of the institute to optimally utilize the existing conducive financial environment for development of fisheries sector of the Country.

National Level Training inaugurated at Dr. M.G.R. FC & RI, Ponneri

Dr. M.G.R. Fisheries College & Research Institute, Ponneri in collaboration with National Institute of Agricultural Extension Management [MANAGE], Hyderabad organised an NFDB funded national level training programme for four weeks (28th January – 24th February, 2020) on "Aqua Clinic and Aquapreneurship Development Programme (ACADP)". Dr. B. Ahilan, The Dean of the institute inaugurated the training programme on 28th January and spoke on the importance of the training programme. Dr. A. Gopalakannan, Programme Coordinator, KVK, TNJFU, Sikkal was the guest of honour for the inauguration ceremony. A total of thirty participants from Tamil Nadu, Andhra Pradesh, Telangana and Kerala participated in the training.



Dr. M.G.R FC & RI, Ponneri observed Martyrs Day

All the teaching as well as non-teaching staff of Dr.M.G.R Fisheries College and Research Institute, Ponneri observed two minutes silence and took pledge against untouchability on the "Martyrs Day" on 30.01.2020.

Republic day celebration at IFPGS

Republic day was celebrated at IFPGS on 26.01.2020. The Dean hoisted the National flag and addressed the gathering. He insisted on the role of students in Nation building and maintenance of integrity for societal development. Students delivered talk on the importance of independence and role of students in upliftment of needy people of the nation. As part of celebration, tug of war competition was organised for the staff and students.



Blood Donation Camp

A Blood donation camp was arranged in coordination with the Blood Bank, Government Hospital, Nagapattinam under NSS programme on 10.01.2020 at Dr.M.G.R FC&RI Thalainayeru where the students & staff donated blood.



71st Republic Day Celebration

The seventy first Republic Day was celebrated on 26.01.2020 at Dr.MGR Fisheries College and Research Institute, Thalainayeru, Nagapattinam. Two students delivered talk on "Patriotism and Unity in Diversity". The Dean hoisted the National Flag and delivered speech insisting on the commitment of fisheries professional towards food security of the Nation.

National Voters' Day observed at College of Fisheries Engineering

National Voters' Day was observed at College of Fisheries Engineering, Nagapattinam on 24th January 2020. Dr.R. Rajendran, Dean, College of Fisheries Engineering presided over the event at college premises along with the teaching, non teaching staff and students of College of Fisheries Engineering and took part in the voters day pledge. The slogan 'No Voter to be left behind' has been coined to further emphasis the focus on inclusiveness and the new voters were provided with a badge with its logo "Proud to be a voter - Ready to vote".

Business opportunities in value added fish products - Kayalagam Fish Processing Incubation Facility

Under the NADP scheme entitled “*Kayalagam*” – The Future Store for Amplification of Marketing of Diversified Fish Products in Tamil Nadu, an awareness program on Business opportunities in value added fish products was conducted at TCeSA Soorakkottai, Thanjavur on 28th January 2020. The Co-Principal Investigator of this scheme, Dr. P. Karthickumar, Assistant Professor proceeded with the program by explaining the nutritional value of seafood products, scope of business opportunities in value added fishery products, marketing strategies and facilities available. Sixteen groups of SHG women's from nine villages and entrepreneurs attended and benefitted from this program.



Republic Day Celebrations

On the occasion of the 71st Republic Day, students and staff of CFNFT gathered to celebrate the event. The ceremony began with hoisting of the tricolour flag by Dr. Senthiladhiban, Principal, Paraprofessional Institute of Fish Processing Technology. This was followed by inspiring speeches on the significance of the occasion by Ist and IInd year B.Tech. students.

Pledge against 'Untouchability'

Martyr's Day was observed on 30.01.2020 to pay homage to the victims who fought for the freedom, welfare and progress of India. The staff members of College of Fish Nutrition and Food Technology observed silence and pledge against untouchability in remembrance of the Martyrs.



Diving Practices For Cadets

Diving practices for the first-year cadets of B. Tech Fisheries Nautical Technology was organized under training and capacity building, ICAR program. This program was inaugurated by Captain. S. Viswanathan, Dean, and he delivered a speech on the importance of the diving practices and their uses for students. The program began with warm up practice and it was given by training coordinator Mr. Christurajapeeris. The divers gave the detailed training about swimming at sea and snorkeling procedures and diving equipment handling procedures.



Personality Development Program

A personality development program was arranged for the students at College of Fisheries Nautical Technology, Thoothukudi. External Expert Mrs. Radha from Smart Series, Bangalore handled special classes under personality development on 09th and 10th January 2020.



Pongal Day Celebration

The students and staff of College of Fisheries Nautical Technology, Thoothukudi celebrated Pongal festival at College of Fisheries Nautical Technology on 13.01.2020. Traditional games like Pot breaking, Tug of war for students & staff, kabaddi, etc., were conducted.



Republic Day Celebration

The 71st Republic day was celebrated on 26.01.2020 at College of Fisheries Nautical Technology, Thoothukudi. The program started with the first-year cadet's parade. The Dean Captain. S. Viswanathan received the parade of cadets and hoisted the tricolour flag. Following this, the Dean made a special speech about respecting the Indian Constitution.



New Year Celebration

New Year 2020 was celebrated at Fisheries College and Research Institute Parakkai (Mylaudy), Kanniyakumari District. Dr. P. Velayutham, Dean i/c, cut the cake and given a special felicitation address, and conveyed New Year wishes to all the students and staff of this Institute. Later, sweets were distributed to all the students and staff.

Trainers training Programme on Tuna fishing by NETFISH MPEDA

Fisheries College & Research Institute, Parakkai (Mylaudy), and NETFISH - MPEDA has arranged a trainer's training programme for Kanniyakumari fisherman about different topics like Standard Operating Procedure (SOP) for tuna longline fishing and processing, deep sea fishing of tuna and Hygienic handling of tuna on-board. Mr. A.M. Anto Lenin a fisherman from Colachal shared his experience on deep sea fishing.



National Youth Day

Fisheries College and Research Institute, Parakkai (Mylaudy), celebrated the national youth day on 10th January,

2020. In this, an elocution competition was conducted on the topic "Importance of youth to improve the society".

Samathuva Pongal Day Celebration

The Students and staff of Fisheries College and Research Institute, Parakkai (Mylaudy), celebrated Pongal festival. Students and staff with traditional attire performed pooja. Traditional games like Pot breaking and Tug of war for students & staff were conducted. Dr. P. Velayutham, Dean i/c, distributed the prizes to the winners.

Personality Development Programme for I B.F.Sc. students

Fisheries College and Research Institute, Parakkai (Mylaudy), arranged personality development program for the students of this college. Smart Series, Bangalore handled special classes on personality development, time management, do's & don'ts in powerpoint preparation, goal setting and ways to achieve it, etc. This program was inaugurated by Dr. P. Velayutham, Dean i/c.



National Voters' Day Pledge

Voters Day Pledge at Fisheries College and Research Institute, Parakkai (Mylaudy), was taken under the leadership of Dr. P. Velayutham, Dean i/c who addressed the gathering. He stressed on the importance of voting. In this event, students of the College, teaching and non – teaching staff administered the pledge.

71st Republic Day Celebrated

Fisheries College and Research Institute, Parakkai, (Mylaudy) celebrated 71st Republic day. Dr. P. Velayutham, Dean i/c, hoisted the Flag and delivered a special speech.

Visit to fish farm at Krishnagiri as a part of skill education programme for B.Voc (Industrial Aquaculture) students

The students of B.Voc (Industrial Aquaculture) visited nursery fish farm at Krishnagiri fish seed farm of Fisheries





Department and Barur CeSA, Tilapia farm and acquired practical knowledge on nursery rearing of GIFT tilapia and brood stock maintenance and growout culture.

Field visit to Pakkam B.Voc (Aquatic Animal Health Management)

Students of I year B.Voc (Aquatic Animal Health Management) visited the shrimp farm at Pakkam village, Thiruvallur district on 25.01.2020 as a part of their curriculum to know the shrimp farming practices.



RESEARCH HIGHLIGHTS

Converting 'Waste into Wealth using Photobioreactor for biofloc production' – M. Nethaji and B.Ahilan

Fish culture water which are rich in nitrogen and phosphorous can be used for biofloc production. The culture water is passed through photobioreactor under the controlled environment condition. 200L capacity photobioreactor is equipped with acrylic tubes to produce 50kg wet biomass every week at Advanced Research Farm Facility, Madhavaram. The wet biofloc holds 30% of crude protein when dried and used as shrimp and fish feed.



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