

UNIVERSITY NEWSLETTER

TNJFU

Vol.07 No.09
September 2020

Editor-in-Chief

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

Editor

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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,

Vanakkam! My Sincere Gratitude to our Chancellor and Hon'ble Governor of Tamil Nadu Shri Banwarilal Purohit for reposing faith in me.

Indeed, it is my pleasure to communicate to you all for the first time through this medium after assuming the responsibility of the Vice-Chancellor, TNJFU on the 10th September 2020. At the outset, I seek the support and cooperation of my staff to work towards sustained development bringing lasting benefits to all stakeholders. Whenever there is a change in leadership, we look forward to some welcome changes in the system. We shall together strive to bring about improvement in work ethics, transparency in governance, healthy working environment, better learning and teaching ambience, quality of campus life and visibility to the University; in short, we shall commit ourselves willingly to put "University First" in all that we do. Fisheries University has seen phenomenal growth due to the untiring efforts of my predecessors with a vision; several new programmes have been initiated and now, it is time for consolidation. Personally, I am concerned more on the right direction than speed and, thorough professionalism is what I set to achieve during my term of office with the help of every one of you.

COVID era has brought in a 'new normal' not only in our lifestyles but also in our education system. Our University has transformed quickly to adopt ICT for education that involves content delivery, evaluation, selection/admission process among others and we have to be flexible more than ever. Teachers have to equip themselves with new pedagogy skills for effective teaching and adorn the role of a facilitator, mentor and counsellor in addition to knowledge dissemination. We shall follow what our Prime Minister Narendra Modi righty said, "Education must focus on 'How to Think' rather than 'What to Think'".

The activities at various constituent units of the University during this period as reported in this Newsletter, especially the web-based seminars and training on topics of interest and relevance stand testimony to the enthusiasm, resilience and quality of our faculty staff. That gives me the confidence that "Together We Can and We Will" and I look forward to working with you.

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

VC EVENTS

Dr. G. Sugumar assumed Charge as Vice-Chancellor

Dr. G. Sugumar, Professor and Head, Dept. of Fish Processing Technology, FCRI, Thoothukudi assumed charge as the new Vice-Chancellor of Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam on September 10, 2020. University Officers, Professors, Teaching and non-teaching staff conveyed wishes to the new Vice-Chancellor.



The Hon'ble Governor of Tamil Nadu blessed the Vice-Chancellor of TNJFU on 14.09.2020.



The Vice-Chancellor, TNJFU met the Principle Secretary of Animal Husbandry Dairy and Fisheries in Secretariat Chennai on 15.09.2020.



The Vice-Chancellor, TNJFU visited Aquatic Rainbow Mall (ARM), Advanced Research Farm Facility (ARFF) and College of Food Technology at Madhavaram and reviewed all the facilities on 15.09.2020.

The Vice-Chancellor, Tamil Nadu Dr. J. Jayalalithaa Fisheries University met the Commissioner of Fisheries in Chennai on 16.09.2020.

The Vice-Chancellor, TNJFU called on the Hon'ble Chief Minister of Tamil Nadu along with Thiru. D. Jayakumar, Minister for Fisheries and Personnel and Administrative Reforms on 21.09.2020.



Vice-Chancellor Visit to Dr. MGR FCRI, Thalainayeru

The Vice-Chancellor, TNJFU visited Dr. MGR FC&RI, Thalainayeru campus on 25.09.2020 and reviewed activities.



Vice-Chancellor, TNJFU launched Online Application

The Vice-Chancellor, TNJFU launched the online application for Undergraduate programmes for the year of 2020-21 at the University headquarters on 26.09.2020. Chairman of admission committee and Registrar, TNJFU were present.



Visited CoFE, Nagapattinam,

The Vice-Chancellor, TNJFU visited the College of Fisheries Engineering, Nagapattinam campus and held discussions with staff about various activities.

Sub-Committee Meeting

The Vice-Chancellor, TNJFU conducted the Sub-Committee Meeting for tender finalization at Secretariat, Chennai on 28.09.2020.

National webinar on Advances in Fish Vaccines and Prophylactics

Fisheries College and Research Institute, Thoothukudi organized a National Webinar on Advances in Fish Vaccines and Prophylactics in Virtual mode on 30.09.2020.

Dr. G. Sugumar, Vice Chancellor, TNJFU inaugurated the programme and delivered the presidential address.

DIRECTORATES

Training programme on Capacity building of Farmers/ Village Level Functionaries

A one day training programme for Capacity building of Farmers / Village Level Functionaries on 'Disaster management and drought mitigation measures' was organized in collaboration with Tamil Nadu Agricultural University and Department of Revenue and Disaster Management, Tamil Nadu at ICAR- Krishi Vigyan Kendra, Nagapattinam on 24.09.2020.



The training programme was inaugurated by Mr. P. Kalyanasundaram, Joint Director of Agriculture, Nagapattinam. Dr.V. Ambedgar, Director, TRRI, Aduthurai, chief guest delivered a special address. Dr. A. Gopalakannan, Programme Coordinator, KVK, Sikkal welcomed the participants and given a prelude about the importance of the program and effective utilization of water in fish culture. The Director, Aduthurai narrated the importance of having farm ponds on their farm for the effective utilization of water.



Dr. R. Mohan, Professor (Agronomy), PAJANCOA & RI, Karaikal delivered 'On farm water harvesting practices and conversion of failed borewells and open wells in agricultural fields as recharge structures'.

Drought mitigation techniques during cropping season' was handled by Dr. R. Marimuthu, Prof. & Head, Coconut Research Station, Veppankulam.

Scientists from Tamil Nadu Rice Research Institute, Aduthurai. Dr. S. Elamathi (Agronomy) and Dr. K. Chitra (Plant Pathology) handled INM for enhancing soil fertility and crop yields. The KVK Subject Matter Specialist, Dr. V. Kannan (Agronomy) handled Bio priming methods and seed hardening techniques for drought management. Mr. K. Ragu, SMS (Horticulture) demonstrated the application of PPFM, Mulching, Coir pith and Hydrogel to the participants.

Totally 30 participants attended and benefitted.

Special Training Programme on POSHAN MAAH & KISAN GOSTHI

Participants : Aganwadi Workers : 42 Farm Women: 4

Special invites:

1. Thasildhar, Nagapattinam.
2. Professor, College of Fisheries Engineering, Nagapattinam.
3. Field Officer IFFCO

Events:

1. Display of Protein, Carbohydrates, Vitamins & Mineral rich Cereals, Pulses, Fruits, Vegetables and Value added fishery products.
2. Display of Food Pyramid
3. Demonstration on the Nutri-garden model and sowing was carried out.
4. Exposure visit to Nutri-garden at KVK.
5. Training on rooftop gardening and nutri kitchen was given.
6. Distribution of Seeds kit 47 nos.

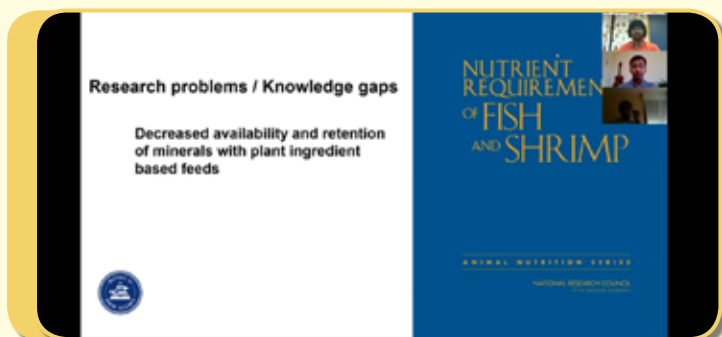
Technical session:

1. Models of Nutri-garden and Package of practices of vegetables and horticultural crops by SMS (Hort)
2. Nutri-thali for a balanced diet and Biofortified varieties in Nutrition by SMS (HS)



International webinar on “Advances in Aquaculture Nutrition”

Directorate of Incubation and Vocational training in (DIVA) Aquaculture, TNJFU, Chennai, has organized an International webinar on “Advances in Aquaculture Nutrition” on 24th and 25th September 2020. The virtual seminar was convened by Dr. N. Felix (Director, DIVA-TNJFU) and Prof. Sadasivam (Sachi) J. Kaushik (Former Director of Research, INRA, France) organizing secretary (Dr. Mir Ishfaq Nazir) and coordinator (Mr. E. Prabu). The program was inaugurated virtually by the honorable Vice-Chancellor of TNJFU Dr. G. Sugumar.



Dr. G. Sugumar briefly mentioned the status of aquaculture sectors, constraints and the importance of nutrition in aquaculture in his presidential address. In this webinar eminent speakers included Prof. Sadasivam (Sachi) J. Kaushik (Keynote speaker), Dr. Karthik Masagounder (Head, Aqua and Swine Research, Evonik Animal Nutrition Germany), Dr. Saravanan Subramanian (Global Product Manager, Salmonid Freshwater & Transfer Feeds, Skretting Aquaculture Research Centre, Rogaland, Norway), Dr. Antony Jesu Prabhu (Senior Researcher, Institute of Marine Research (IMR), Bergen, Norway), Dr. N.P. Sahu (Principal Scientist and Head, Fish Nutrition



Physiology and Biochemistry Division, ICAR- Central Institute of Fisheries Education, Mumbai), Dr. Arul Victor Suresh (Managing Director, United Research (Singapore) Pte., Ltd), Dr. N. Felix, Dr. Biju Sam Kamalam (Scientist, ICAR-Directorate of Coldwater Fisheries Research, Bhimtal, India) and Dr. Mir Ishfaq Nazir (Assistant Professor, DIVA, TNJFU, Chennai, India). There were 340 participants from India and Overseas for the webinar.



Vice-Chancellor visited Directorate of Incubation and Vocational training in Aquaculture (DIVA), TNJFU, Chennai

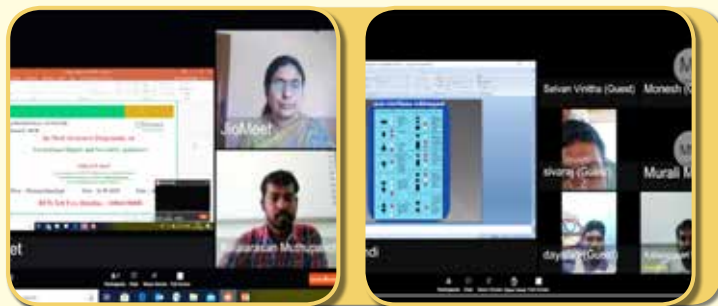
Dr.G.Sugumar Vice-Chancellor, visited this institute on 28.09.2020 and reviewed the ongoing activities. He visited the Indoor aquaculture unit, Indoor aquarium unit, fish feed mill and vacuum coater unit. The Vice-Chancellor stocked 7000 vannamei post larvae in 150 square metre polythene lined pond at the outdoor shrimp culture unit. Dr.N.Felix and other staff of DIVA accompanied the Vice-Chancellor.



Jio Meet awareness program

Three Jio Meet awareness programs were conducted jointly by the Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram and Reliance foundation Madurai & Puducherry. Mr.M.Kalaiarasan, Assistant Professor of this Directorate served as the resource person. 75 Fishermen from nearby districts attended. Topic were:

- i. Navigational signals
- ii. Life saving appliances
- iii. Responsible fishing
- iv. Onboard Hygienic handling of fishes



Webinars organised

EDII - MPBIF organized a webinar for promoting innovation and startup culture in Marine Products Business Sector under the theme of Ocean Bounty Season 2020 on September 11, 2020.



Dr. B. Sundaramoorthi, the Dean, gave introductory remarks. R. Jagajanani, Founder & CEO, Beacon Consulting delivered a talk on Art of being an Incubatee. M. Avinash, Entrepreneur, Founding Member of Media, Education, Sports and Pet related industries delivered a talk on Adventures of a Startup. Dr. P. Ganesan, the Project Coordinator, delivered a talk on Advantages of EDII - MPBIF at FCRI, Thoothukudi to incubatees and start-ups.

On September 26, 2020, Dr. P. Ganesan, the Project Coordinator, EDII - Marine Products Business Incubation Forum (EDII - MPBIF), Thoothukudi delivered a talk on Avenues for start-up in Marine Products Business Incubation. Dr. S. Velan, Vice President, M/s Penna Cement Industries Pvt Ltd delivered a talk on Art of Exploring Domestic Market Opportunities. K.S. Kamaludeen, Managing Director of Blue Bharath Exim Pvt Ltd delivered a talk on Art of Exploring International Market Opportunities.



National Webinar Conducted

A National webinar on "Advances on Fish Vaccines and Prophylactics" was organized by the Department of Fish Pathology and Health Management on 30.09.2020. Dr. B. Sundaramoorthi, Dean, FC&RI, Thoothukudi spoke of the importance on the development of vaccines, despite various successful experimental attempts.

Dr. G. Sugumar, Vice-Chancellor, TNJFU in his presidential address emphasized the importance of vaccines as the whole world is in search of a vaccine for COVID 19. The keynote address was given by Prof (Dr) Indrani Karunasagar, Director R&D, Director, UNESCO Resources Center for Biotechnology and Dean of Biological Sciences, NITTE Deemed University, Mangaluru on "Fish vaccination with special reference to *Aeromonas hydrophila*".



Prof (Dr). Krishnan Sankaran working as the Professor of eminence, National Networking Consultant, NHHID, Chennai spoke on "Bacterial lipid modification as new and novel protein engineering tool for enhancing vaccine efficacy". Dr.K.Riji John, Dean (Fisheries) KUFOS, shared his experience in the field of fish viruses including advanced techniques in viral vaccines.

Dr. Megha Bedekar, Principal Scientist, ICAR-CIFE, Mumbai made a detailed presentation on "DNA vaccination in fish with special reference to *Edwardsiella latarda*". The programme received an over whelming response with 1013 registration. The programme was conducted on Google meet platform. The programme was also live streamed in YouTube for the benefit of students and faculty researchers.

Webinar on "Harnessing 'PMMSY' scheme for aquapreneurship development in Tamil Nadu"

The Department of Fisheries Extension, Economics and Statistics (DFEES), Dr. MGR FC & RI, Ponneri organized a webinar entitled "Harnessing 'PMMSY' scheme for aquapreneurship development in Tamil Nadu" on 10.09.2020. Dr. R. Jeyaraman, Professor and Head, DFEES welcomed the gathering. The webinar was inaugurated by Dr.B.Ahilan, Dean of the institute. Dr. G. Sugumar, Vice-Chancellor, appreciated the organizing team. The technical session had three technical lectures. Dr. M. Krishnan, Advisor, State Level Project Advisory Committee for Marine Resources, Andhra Pradesh was the first speaker who talked about 'Outlays to Output: Challenges in



PMMSY Implementation'. Mr. L.A.G. Julius Edward, Deputy Director, Department of Fisheries, Govt. of Tamil Nadu who threw insight on 'PMMSY for fisheries sector development'. Dr. P. S. Ananthan, Senior Scientist, ICAR- Central Institute of

Fisheries Education, Mumbai briefed about 'PMMSY: Policy to Development Support in Action'. Out of 1007 registered participants, around 150 participants attended the webinar through 'Google Meet' and the rest of them attended through live streaming of the webinar in 'Naveena UzHAVan' YouTube Channel from various parts of the Country.

Special lecture on "Motivating Self & Others and Distress to Destress"

Mr. N. Alagappan, Chief Beliefs Officer of M/s. Tranzen, Chennai delivered a special lecture on "Motivating Self & Others and Distress to Destress" at Dr. M.G.R. Fisheries College and Research Institute, Ponneri on 22.09.2020 through online mode (Google Meet). Faculty members, students and the supporting staff of the institute have attended the lecture and benefitted. Dr. B. Ahilan, Dean has delivered the welcome address.



Annual National Conference – Ponshrimp '20

Dr. MGR, Fisheries College and Research Institute, Ponneri organized annual National Conference "PONSHRIMP" in the theme of soil & water quality management for sustainable shrimp farming in virtual mode on 23.9.2020. The programme was inaugurated by Dr. G. Sugumar, Vice-Chancellor, Mr. A. Antony Xavier, Technical Director, Coastal Aquaculture Authority, Chennai was the Cheif Guest and Dr. B. Ahilan, Dean & Convener, Ponshrimp '20. Dr. M. Muralidharan, Principal Scientist, ICAR-CIBA, Chennai; Dr. C.B.T. Rajagopalasamy, Professor & Head, Department of Aquaculture, FC&RI, Ponneri; Balakrishnan, Shrimp Farm Entrepreneur, Ramnad; A. Kumaresan, Senior DGM & Marketing Head, Shen Long Bio-Tech (India) Private Ltd.; G. John Bosco, Shrimp Farm Consultant, Pattukottai have delivered lectures at the conference. The technical session covered essential aspects of soil & water management



such as day to day water quality monitoring protocol, the importance of ORP, mineral demand and its applications, the significance of algal bloom and principles & practice of biofloc

technology in shrimp farming. Nearly 170 members including farmers, entrepreneurs, students, faculty of various academic & research institutes and faculty of the host institute participated in the event.

Awareness lecture on "Tamil Nadu Student Innovators Award (TNSI-2020)"

Mr. D. Nirmal Raj, Field Coordinator, Centre for Entrepreneurship Development (CED), Anna University, Chennai has delivered an awareness lecture on "Tamil Nadu Student Innovators Award (TNSI-2020)" at Dr. M.G.R. Fisheries College and Research Institute, Ponneri on 29.09.2020 through online mode (Google Meet). Faculty members and students of the institute were attended and benefitted.



21 Day Online Training Programme on "Data Analytics in Fisheries"

The Department of Fisheries Extension, Economics and Statistics of Dr. M.G.R FC & RI, Thalainayeruhas organised a 21-day On-line Training Programme on "Data Analytics in Fisheries" from 10.08.2020 to 03.09.2020 via Google Meet virtual platform. A total of 237 trainees (150 students & 87 faculty) from various ICAR Institutes, State Agricultural Universities and Private sector spread across the country participated and benefitted.



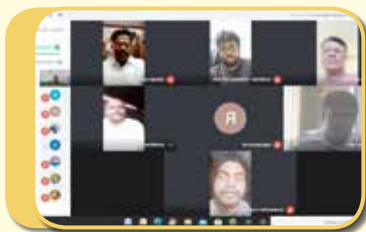
Dr.Joykrushna Jena, Deputy Director General (Fisheries), ICAR, New Delhi presided over the inaugural ceremony and highlighted the importance and relevance of data collection, its usage and applications in the Fisheries sector. The felicitation address was delivered by Dr.M.Krishnan, Advisor, State Level Project Advisory Committee for Marine Resources, Andhra Pradesh. Dr. A. Srinivasan, Registrar and Acting Vice - Chancellor, TNJFU delivered the Presidential Address. Dr.S.Balasundari, the Dean, welcomed the gathering.

A total of 23 lectures on various topics in different domains of Fisheries Data Analytics along with practical demonstrations in R, R Studio, Stata and SPSS software were taught to the participants followed by an online examination. Sessions were handled by renowned faculty of ICAR Institutes and SAUs.

Dr. R. Jayaraman, Professor & Head, Department of Fisheries Extension, Economics and Statistics, delivered the valedictory address.

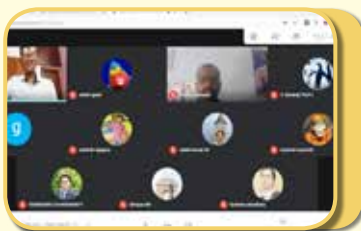
Online Training Programme on “Integration of Artemia in Salt Pans”

Dr. M.G.R Fisheries College and Research Institute, Thalainayeru offered a one-day online training programme on the Integration of Artemia in Salt Pans on 02.09.2020. The aim of this online training programme was to provide an idea on integration of Artemia in salt pans which will pave way for starting polyculture farming. Various aspects of Artemia biomass & cyst production such as status of salt pans (India & Tamil Nadu), the role of Artemia in fish hatcheries, site selection, modification of existing salt pans for Artemia integration, pond preparation, inoculation of Artemia nauplii in salt ponds, hatching techniques of Artemia cyst, harvesting of Artemia biomass / cyst and economic aspects were taught to the trainees on online mode. A total of 8 trainees (including 4 women) from various parts of the country participated.



Online Training Programme on “Farm Made Fish Feed Preparation”

Dr. M.G.R Fisheries College and Research Institute, Thalainayeru offered a one-day online training programme on Freshwater Ornamental Fish Culture on 16.09.2020. Various aspects of Ornamental Fish Farming such as the importance of ornamental fish culture, overview of the ornamental fish industry, candidate species in the Indian aquarium trade, breeding of egg layers, breeding of livebearers, fabrication of aquarium tank, setting up of aquarium tank, feed & feeding management in ornamental fish culture, soil & water quality management in ornamental fish culture, common diseases in ornamental fish culture & its management, Value addition in ornamental fish culture and Economics aspects were taught to the trainees by Google Meet. The training programme was conducted by Dr. S. Athithan, Professor and Head, Department of Aquaculture. A total of 11 trainees (5 from various parts of Tamil Nadu and 6 from various states of India) participated.



World Peace Day

The “World Peace Day” was celebrated at Fisheries College & Research Institute, (Mylaudy) Parakkai on the 21st, September 2020.

Dr. P. Velayutham, Dean i/c of this college has given a special lecture about the “World Peace Day”. On this occasion, the staff members of this college took 2 minutes of silence regarding the “World Peace Day”.



Training Organised

A Three - day NADP sponsored training on “Feed Preparation and Nutrient Testing” was organized by the Institute of Fisheries Post Graduate Studies, Vaniyanchavadi, Chennai from 28.09.2020 to 30.09.2020. The training program was inaugurated by Dr. S. A. Shanmugam, Dean and 20 farmers from Kanchipuram and Chennai attended.



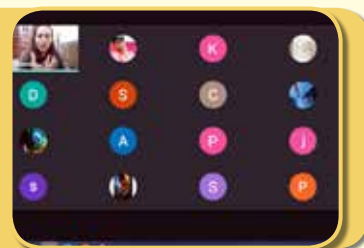
Tree Plantation

In a vision to support the ‘Eat right, Bite by bite’ initiative of the Government of India for celebrating the Nutrition week from September 1st to 7th, a tree plantation program was organized at The College of Fish Nutrition and Food Technology, Madhavaram, Chennai on 05.09.2020. Planting of vegetables, fruits, herbs, microgreens, spices and seasonings in the kitchen garden was promoted as a part of the celebrations. In accordance with this Dr. Usha Antony, Dean - CFNFT, Faculty and Staff of CFNFT planted 20 saplings including Lemon, Pomegranate and the herb Indian gooseberry around the College mess.



Online guest lecture

An online guest lecture was organized for the students of 2018-19 batch in conjunction with the course work ‘Bakery, confectionery and Snack products’ on 18.09.2020. The lecture was delivered by Ms. Srishti Dinesh, Pastry Chef and Chocolatier,



Leela Palace, Bangalore on the topic ‘Chocolate – Bean to Bar Processing’. She gave a captivating talk on the basics of the

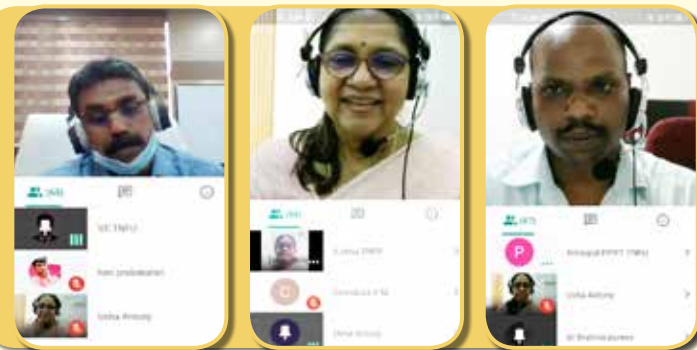
From

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Tamil Nadu Dr. J. Jayalalithaa
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Email : dee@tnfu.ac.in**

production and science of chocolate making from bean to bar for the benefit of students.

CFNFT Foundation Day

The foundation day was celebrated at the College of Fish Nutrition and Food Technology, Madhavaram Campus, Chennai on 18th September 2020, through Online (Google Meet). The program started with the welcome address by Dr. Usha Antony, Dean, CFNFT, followed by a report on commencement of the college by Dr. R. Brimapureeswaran, Assistant Professor, CFNFT. Dr. G. Sugumar, Vice-Chancellor of TNJFU, Nagapattinam graced the occasion with his presence and motivated the students to excel in all their endeavors to uphold the honour of the institute. This was followed by the student activities which included speech and doodle arts.



**Chief Guest
Dr. G. Sugumar,
Vice-Chancellor,
TNJFU**

**Welcome Address
Dr. Usha Antony
Dean, CFNFT**

**Commencement Address
Dr. R. Brimapureeswaran
Assistant Professor,
CFNFT**

World Bank support mission meet

Between September 21-25, 2020 a World Bank team conducted a virtual implementation support mission for the Tamil Nadu Irrigated Agriculture Modernization Project (TNIAMP). The objective was to review project implementation and progress. The team worked closely with the Government of Tamil Nadu officials, under the leadership of Shri. Vibhu Nayar. I.A.S., (Additional Chief Secretary and Project Director). Findings

presented and Aide Memoire was discussed at the wrap-up meeting on September 23, 2020 with Mr. Vibhu Nayar as the chair and the final version of the Aide Memoire was endorsed by the World Bank management.

Dr. J. Stephen Sampathkumar, Director, DSA and Nodal Officer, TNIAMP along with Dr. V. Senthilkumar, Assistant Professor and Head i/c, TCeSA and Dr. S. Anand, Assistant Professor and Head i/c, EBCeSA participated in this mission.

COVID-19 Awareness Programme

Awareness Programme on COVID-19 was conducted in College of Fisheries Nautical Technology, Fishing Harbour Campus, Thoothukudi-1. As the part of programme Dr. J. Poovendan M.D, Santhom Homeopathy Hospital, Chennai gave the awareness lecture on Corona symptoms, Diagnostics, Method of using Immune Booster tablet (ARS-ALB-30). Present status of the covid - 19, how to tackle this pandemic in future and service provided by homeopathy medical system are the key point advised by Dr. Poovendan.

