



UNIVERSITY NEWSLETTER TNJFU

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

Dear All,
Greetings.



The 74th Independence Day was celebrated in the Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam. The Registrar and Acting Vice-Chancellor of this University hoisted the national flag and delivered the independence day address to the gathering. Every one has to remember the sacrifices of the freedom fighters and insisted on the responsibilities of the individuals for the development of nation.

Our nation attained self-reliance in agriculture, dairy and fisheries due to green revolution, white revolution and blue revolution. Achieving the goal of our Central Government in doubling the income of farmers by 2022 through developing low cost technologies, increasing crop production, marketing of agriculture products, enhancing the income of farmers through farming of fishes and livestock, growing high value crops, encouraging organic farming and agriculture product exports should be our motto.

This university is working hard towards the socio-economic upliftment of fishermen and fish farmers. I appeal to fellow citizen to understand the importance of wearing mask, social distancing to save the nation from COVID - 19

Tamil Nadu Government is helping the University in it's development by all means and sanctioned various schemes and infrastructure facilities to the tune of ₹ 46.54 crores through NABARD, TANII and NADP funded projects.

Dr. A. Srinivasan
Acting Vice-Chancellor

DIRECTORATES

SMART - YouTube - Programme on Livestock management during COVID-19 to the farm women at the milk procurement center.

Village : Sangamankalam

Date : 01.05.2020

Total number of farmers participated : 30 Nos

Every batch consists of 6 farmers / batch.

Event coordination - SOS International NGO.

In SMART guidance - Precautionary measures at different levels were explained by live YouTube Channel by Animal Husbandry Scientist - KVK, Nagapattinam.



SMART - COVID-19 - Lockdown guidance Programme to SHG women at the milk collection point.

Village : Paalaiyur

Date : 02.05.2020

Total number of farmers participated : 30 Nos,

Every batch consists of 8 farmers / batch.

Event coordination - SOS International NGO.

In SMART guidance - Precautionary measures at different levels were explained by live YouTube Channel by Animal Husbandry Scientist - KVK, Nagapattinam.

Krishi Jagran Facebook Live Programme

Date : 03.05.2020

Topic : Summer management in Livestock.

No. of the farmers watched : 2500

Technical inputs are given as follows.

1. Feeding management Vs Heat stress.
2. Housing management Vs Heat stress.
3. Watering management Vs Heat stress.
4. Other managements Vs Heat stress.
5. Impact of heat stress on animal health and production.
6. Strategies to overcome heat stress.
7. What to feed and what not to feed during summer.

SMART - COVID-19 - Online video classes on Summer Management in Livestock and Lockdown guidance Programme to women farmers at the milk collection point.

Village : Pappakovil

Date : 05.05.2020

A total number of farmers participated : 32 Nos,

Every batch consists of 8 farmers / batch.

Event coordination - SOS International NGO.

In SMART guidance - Precautionary measures at different levels were explained by live YouTube Channel by Animal Husbandry Scientist - KVK, Nagapattinam.

Topic: Summer management in Livestock.

1. Housing management.
2. Feeding management.
3. Water management.
4. Other management.

Webinar on summer management.

Date : 09.05.2020

Topic : Summer management and Ranikhet disease management.



World Environment Day 2020

Krishi Vigyan Kendra, Sikkal, Nagapattinam organized the World Environment Day on 05.06.2020 at KVK, Sikkal. In this Programme, 100 nos. of saplings were distributed to farmers. 25 nos farmers participated in this programme.



National Fish Farmers' Day

ICAR-KVK, celebrated the National Fish Farmers' Day on 10th July 2020 with the fish farmers at Sigar village,

Kizhvelur Taluk, Nagapattinam District to commemorate the epoch - making innovation in the field of induced breeding of Indian Major Carps. E. Hino Fernando, SMS (Fisheries Extension) delivered a talk on the importance of remembering this day to the fish farmers. Dr. A. Gopalakannan, Programme Coordinator briefed about the activities and initiatives taken by KVK to encourage fish culture activities. Dr. Kalidoss, a progressive fish farmer in the village shared his experience about successes he achieved in the fish culture business. Dr. A. Mathivanan, SMS (Fish Proc Tech) delivered a talk on Fish processing methods through various value addition techniques. Grass carp seeds were distributed to the fish farmers to reduce the excess aquatic vegetation in the village ponds. Around 15 farmers participated.



Webinar

Topic : Profitable dairy farming - expert opinion
Date : 30.07.2020
Organizer : Reliance Foundation, Nagapattinam
No. of the farmers participated : 61

Profitable Dairy farming

The following areas of farmer interest were discussed in detail by the expert panel with an interactive question answer session at the end of the programme.

1. Calf per year
2. Calf to Cow - 2 years
3. Production to the potential
4. Cost per litre
5. Feeding management
6. Disease management
7. Reproduction management
8. Infertility management
9. Schemes
10. Ethnoveterinary management of common ailments (Mastitis, Lumpy skin disease, infertility and Repeat breeding).

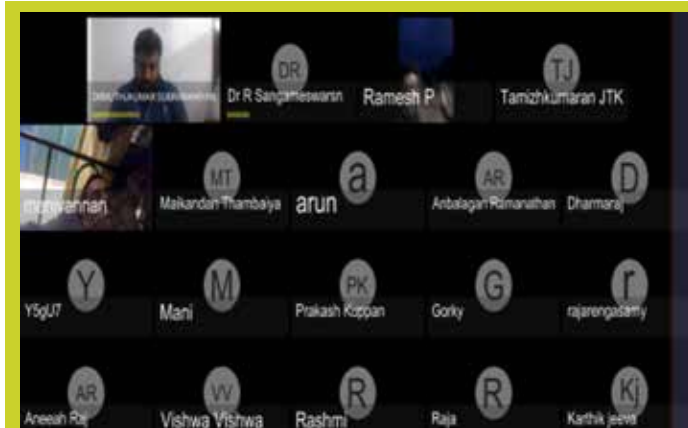
In this virtual meeting farmers, Youth, Entrepreneurs from all over Tamil Nadu have taken active participation during the entire course of the meeting.

Expert panel

Dr. S. Muthukumar, Subject Matter Specialist, ICAR-KVK, Sikkal.

Dr. R. Sangameswaran, Assistant Professor, Tirunelveli, TANUVAS.

Dr. J. Thamizhkumaran, Kalnadai Nanban Association, Pondicherry.



Webinar

Topic : Importance of Mineral Mixture
Organizer : ATMA, Kuthalam.
Date : 31.07.2020.
No of the farmers participated : 41

The role of the mineral mixture in growth, Milk production, Egg production, Reproduction etc was discussed. Farmer representatives from 10 blocks and 10 farmers from Kuthalam block apart from this BTM, ADA and PDATMA were also connected to the training session.



Jayanthi Rohu culture in Farm ponds

The demonstration of Jayanthi Rohu culture in Farm ponds was started in July. Jayanthi rohu seeds were stocked in three locations of the selected village farm ponds. Dr. M. Rajakumar, Director of Extension Education, Dr. A. Gopalakannan, Programme coordinator and E. Hino Fernando, SMS (Fish Extn) distributed the seeds to the farmers and stocked in the farm ponds.



National Fish Farmer's day

Directorate of Incubation and Vocational training in Aquaculture (DIVA), ECR-Muttukadu, Chennai observed the 18th National Fish Farmer's day on 10th July 2020. Addressing the gathering, Dr. N. Felix, Director, briefed about the importance of cost-efficient aquafeed, technical services rendered for the farmers on aquafeed and production of various aquafeeds in the extrusion mill, DIVA campus for the commonly cultured freshwater fishes. Fish farmers of Chengalpattu and Tiruvallur districts were present on this occasion, Dr. N. Felix, Director distributed Growpia feed manufactured at DIVA feed mill unit to the farmers.



Harvest of Pacific white shrimp

Nursery rearing of *Penaeus vannamei* post larvae were carried out in Directorate of Incubation and Vocational training in Aquaculture (DIVA), ECR-Muttukadu, Chennai in cement tanks (24 m³). Initially, 6000 PL were stocked and at the end of nursery rearing, 88% survival rate was achieved. *P.vannamei* grow-out culture was carried out in a lined pond (150m²) for 90 days. Dr. N. Felix, Director, commenced the harvesting of shrimps and 55 kg of shrimps were harvested with 83% survival rate.



COLLEGE NEWS

Yoga Day

The Fisheries College and Research Institute, Thoothukudi celebrated International Yoga Day on 22.06.2020 through online mode due to COVID-19 lockdown. Dr. B. Sundaramoorthi, Dean, Fisheries College and Research Institute, Thoothukudi delivered a presidential address and explained the origin of yoga in India and remembered the contribution of our Honourable Prime Minister Shri Narendra Modi to bring to International Yoga Day. A special lecture on the value of Yoga in today's Lifestyle was given by Mr.K. Parthasarathi Yoga Master, Five Element Yoga Reactive Therapy, Thoothukudi. The staff and students of this Institute

attended and benefited from this online international yoga day celebration.



The Foundation Day

The Fisheries College and Research Institute, Thoothukudi celebrated the "Foundation Day" on 19.06.2020 in commemoration of the Foundation of Tamil Nadu Dr.J.Jayalalithaa Fisheries University which was established on 19.06.2012 at Nagapattinam.



In the inaugural ceremony, Dr.B.Sundaramoorthi, Dean, of Fisheries College and Research Institute welcomed the gatherings and summarized the importance of organizing such foundation day in government institutions. Dr.G.Sugumar, Professor and Head of this institute delivered a lecture on "Genesis of University", who narrated the detailed history of the college and university as well. He highlighted the subsequent achievements and the development of the University and its contribution to the fisheries sector. A total of 178 students from all the batches of BFSc and PG students including faculties of the institute participated in the online meeting. Elocution competition on the topic on "Expectations of students



from the University” and slogan writing competition on “Scope of fisheries education in Tamil Nadu” was also conducted.

National Fish Farmers Day

The Department of Aquaculture, Fisheries College and Research Institute, Thoothukudi hosted a Web-meet on “COVID-19 on the Aquaculture Sector - Challenges and Future” on July 10, 2020 to mark the celebration of the National Fish Farmers Day. Dr. B. Sundaramoorthi, Dean gave an introduction about the history behind the celebration of the National Fish Farmers Day and on the theme of the web-meet. U. Murali Anand Varma, Director, Ananda Enterprises India Pvt. Ltd, Bhimavaram; S. Vijayakumar, President, Madurai Ornamental Fisheries Cooperative Society (MOFCOS), Madurai; V. R. Mansingh, Assistant Vice-President, C.P. Aquaculture (India) Pvt. Ltd, Chennai shared the problems faced in this situation and also expressed the positive steps they are taking ahead to encourage small scale farmers. Vijayakumar and Sunderaraj presented the issues faced by the ornamental fish sector. Competitions for the students on the themes; Food Safety in Aquaculture (Tamil / English) for the slogan writing and theme for Drawing on Artificial Intelligence in Aquaculture were also conducted. Farmers, students, faculties, researchers from all over India participated in the program.

National Fish Farmers' Day 2020



Commemorating the National Fish Farmers Day, Dept. of Aquaculture and Dept. of Fisheries Extension, Economics and Statistics at Dr.M.G.RFC&RI, Ponneri organized a meeting in 'hybrid event webcast' mode through 'Google Meet' platform on the theme of 'Innovations in Sustainable Aquaculture'.



The meeting had three technical lectures on Novel methods in fish breeding, Recent advancements in RAS, Schemes for fisheries development, 135 online participants comprising students of the college and fish farmers attended.

Webinar on “Scope and challenges in production, value addition, marketing and export of spirulina in the context of a pandemic like Covid-19”

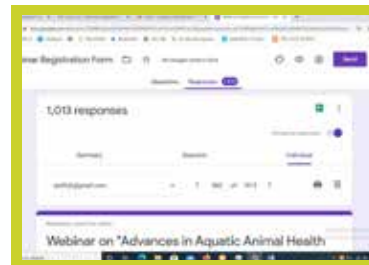
The department of Aquatic environment management of the College conducted a one day WEBINAR on “Scope and challenges in production, value addition, marketing and export of

spirulina in the context of a pandemic like Covid-19” on 18.07.2020. The department faculty members delivered two lectures on “Nutritive potential of spirulina in immunity enhancement” and “Basics and ecological requirements of spirulina cultivation” and three external experts delivered lectures on “Spirulina as a feed ingredient in Aquaculture Industry”, “Promotional strategies for domestic and international marketing of spirulina”, “Scope, challenges and formalities of export of Agro products with inference to spirulina”. About 175 participants attended this webinar.



Webinar on Advances in Aquatic Animal Health Management

A webinar on Advances in Aquatic Animal Health Management was organised by the department of aquatic animal health management of the college on 27.07.2020 with specific experts from a different organizations. The lead speakers in the webinar are: Dr. T. Citarasu, MS University, Tirunelveli who spoke on 'alternative medication in shrimp health'; Dr. A. Ramesh, TANUVAS, Chennai who spoke on 'Pharmacological role of antibiotics and chemicals in fish farming'; Dr. A. Uma, TNJFU, Chennai who spoke on 'Molecular diagnostics in fish health management'; Dr. M. Raman, TANUVAS, Chennai who spoke on 'One health and control of zoonosis'. Around 1,010 members registered online from various states of India and Indonesia. The live session was arranged through the Join Zoom Meeting platform and live web telecast through YouTube. Issued E-certificates to all the registered participants.



Webinar on Conservation and Management of Marine Fisheries Resources (CMMFR)

A Webinar on “Conservation and Management of Marine Fisheries Resources” was organized by the Department of Fisheries Resource Management on 28.07.2020 through Google meet. Dr. B. Ahilan, Dean of the college inaugurated the webinar with a welcome address. The welcome address was followed by four lectures by; Dr. N. Jayakumar, Associate Professor, DFRM, Dr. M.G.R. FC&RI, Ponneri - Indian Marine Capture Fisheries: Status, Prospects, Issues and Challenges; Dr. P. Krishnan, Principal Scientist, NAARM, Hyderabad – Evidence Based Conservation of Coastal Bio-Resources Recent Trends; Dr. R. Saravanan, Scientist, CMFRI, Mandapam-Achieving Biodiversity Targets; Dr. A. Kathirvel Pandian, Associate Professor, IFPGS, Chennai – Role of Molecular

Markers in Fisheries Conservation and Management. 250 registered participants and 12 Teaching faculties attended.



Webinar on Innovative Mission in the Future of Fish Processing

The department of Fish Processing Technology, Dr. MGR FC & RI, Ponneri organized a webinar entitled “INNOVATIVE MISSION IN THE FUTURE OF FISH PROCESSING” on 29.07.2020. The inaugural address was delivered by Dr. B. Ahilan, Dean of the institute. Dr. V. Baskaran, Chief Scientist, CSIR-CFTRI, Mysuru delivered a lecture on Translational Research for Marine Nutraceuticals: Present status, Challenges & Future strategies. Alternative Technologies for Seafood Processing and Preservation: Non-thermal Processes were delivered by Dr. Sootawat Benjakul, Professor, PSU, Thailand and Dr. R. JeyaShakila, Professor, FC&RI, Tuticorin delivered



a lecture on Current EU Safety Requirements for Fish and Fish products. About 230 participants have benefited from the webinar across the country.

Webinar on “Status of Ornamental Fish Culture in Tamil Nadu During Pandemic”

A Webinar on “Status of Ornamental Fish Culture in Tamil Nadu during Pandemic” was conducted by the Department of Aquaculture on 30.07.2020. The speakers were Dr. B. Ahilan, Dr. S.K. Swain, Acting Director, Central Institute of Freshwater Aquaculture, Bhubaneswar, Dr. A. Uma, Professor and Head, Department of Aquatic Animal Health Management, Dr. MGR FC&RI, Ponneri and N.U.S. Veeramahindan, Consultant, Ornamental Fish Farming. Dr. C.B.T. Rajagopalasamy, Professor and Head, Department of Aquaculture, Dr. MGR FC&RI, Ponneri welcomed the gathering and introduced the speakers to the forum. The speakers covered the topics on Prospects and Problems in Ornamental Fish Culture in Tamil

Nadu, Ornamental Fish Farmers Problems and Solutions, Diseases in Commercially Important Ornamental Fishes and Status of Ornamental Fish Trade during COVID-19. A total of 150 participants attended the Webinar.



Webinar on ‘Business opportunities for livelihood and export development during post - COVID-19’

The Department of Fisheries Extension, Economics and Statistics (DFEES), Dr. MGR FC & RI, Ponneri organized a webinar entitled “Business opportunities for livelihood and export development during post - COVID-19” on 30.07.2020. The technical session had three technical lectures. Dr. R. Jeyaraman, Professor and Head, threw insight on ‘Way-forward strategies for overall fisheries development in the post pandemic era’. Followed by Dr. T. Ravishankar from ICAR-CIBA talked about ‘Business opportunities in Vannmei aquaculture value chain’ and Dr. Vaibhav A. Mantri from CSMCRI, Gujarat briefed about ‘Livelihood and business opportunities in Seaweed farming’. A total of 250 participants from various parts of the country attended the webinar.



Independence Day Celebration - 2020

Seventy fourth Independence Day was celebrated at Dr. MGR FC&RI, Thalainayeru on 15.08.2020. Dean, Dr. S. Balasundari hoisted the National Flag and addressed the gathering. A total of 52 staff Including Teaching, Non-teaching and Contractual Supporting Staff have attended the programme. Sixty students have participated in the Independence Day celebration via Google Meet. Selvi. P.N. Aishwarya, III B.F.Sc has delivered a speech.



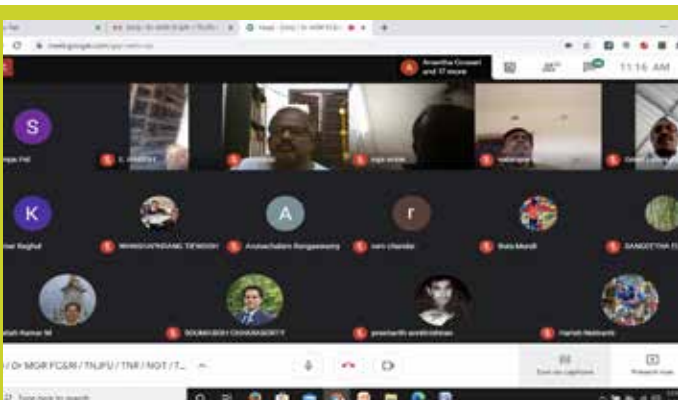
Sadbhavan Diwas Day – Pledge

Sadbhavan Diwas Day was observed at Dr. M.G.R. Fisheries College and Research Institute, Thalainayeru and a pledge were taken in this regard on 20th August 2020 at 11.00 am. A total of 28 employees were present.



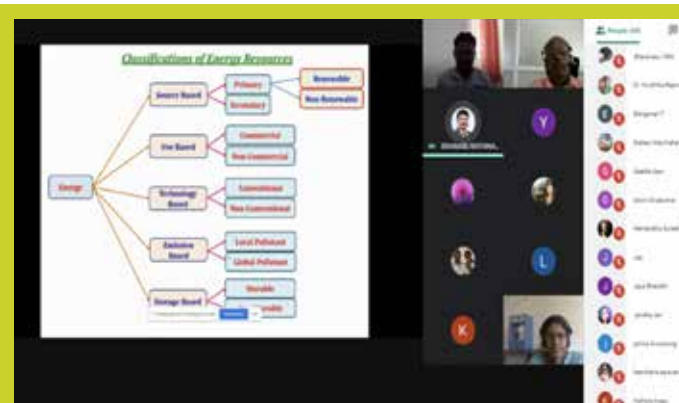
Online Training Programme on “Farm Made Fish Feed Preparation”

Dr. M.G.R Fisheries College and Research Institute, Thalainayeru offered a one-day online training programme on Farm Made Fish Feed Preparation on 06.08.2020. During this programme, the various aspects of fish feed preparation such as the importance of feeds in aquaculture, types of feeds, feed formulation methods, feed preparation methods, selection of fish feed ingredients, grinding and mixing of ingredients, drying, packing, quality control of fish feeds and economic aspects were taught to the trainees via Google Meet. The training programme was conducted by Dr. S. Athithan, Professor and Head, Department of Aquaculture. A total of 45 trainees (including 4 women) from various parts of Tamil Nadu and various states of India participated.



Online Webinar on “Relevance of Energy Engineering in Fisheries”

Webinar on Relevance of Energy Engineering in Fisheries Programme was organized online on 29.06.2020 at the College of Energy and Environmental Engineering. The invited speaker Dr. S.R. Sivasasu, BEE Certified Energy auditor and IGBC AP, delivered a presentation to 52 participants from various fields like School student, College student and Staff from various industries and institutes. Dr. N. Manimehalai, Officer In-



Charge, briefed about the vision of the B.Tech. Energy and Environmental Engineering course offered in TNJFU and elaborated on the need for Energy engineering in the fisheries sector. Dr.R.Rajendran, Dean, CoFE gave a presidential address and elaborated the importance of renewable energy, depletion of fossil fuels and its role in climate change. All the participants were given E-certificate.

International Day of Yoga

College of Fisheries Engineering and College of Energy and Environmental Engineering, Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam jointly celebrated the 6th International Day of Yoga on 22nd June 2020 through Google Meet. A special address was given by Mr. Karu. Vetri Vendhan, Head Master and Yoga trainer, Government Higher Secondary School, Sivagangai. He explained the importance and benefits of yoga and meditation among the students and faculty. Dr. D. Natarajan, Assistant Director of Physical Education, demonstrated more than ten yoga asanas, mudras and pranayama to the faculty members, non-teaching staff and contractual employees.



TNJFU Foundation Day 2020 Celebration

‘Foundation Day’ of Tamil Nadu Dr. J. Jayalalithaa Fisheries University was celebrated on 19.06.2020 by the College of Fisheries Engineering Nagapattinam. The program started with an online quiz event. On this special day, around



99 students from CoFE and CEE have attended the event through Google meet. Students were awarded E-certificates. Miss R. Ramya of II B.Tech (COFE) and S. Nivetha of III B.Tech (CoFE) delivered the speech on the Roles and responsibilities of fisheries Engineering in the fisheries sector.

Virtual National Seminar

The Department of Fish Nutrition and Feed Technology of Institute of Fisheries Post Graduate Studies, Vaniyanchavadi organized 2-days Virtual National Seminar on “Recent Trends in Fish Nutritional Research” during 3-4 July 2020. The program was attended by 638 participants comprising of students,



research scholars and faculty of various fisheries colleges and other institutions from all over the country. The Virtual National Seminar was inaugurated by Dr. S. A. Shanmugam, Dean (Basic Sciences), IFPGS. Lectures on nutritional

value of fish and different feed ingredients for fish and larval feed nutrient enhancement were given.

COVID-19 Awareness Program

COVID-19 Awareness program to the staff of CFNT and CIVF has been organized at College of Fisheries Nautical Technology on – 10-07-2020 through google meet. 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) through online. He also clarified the queries about COVID-19 raised by CFNT staff and CIVF staff. After completion of the online program, The ARS-ALB-30 tablet was freely distributed to all the staff of CFNT and CIVF. Dean Capt. S. Viswanathan has thanked Dr. Poovendan.



74th Independence Day

74th Independence Day was celebrated on 15.08.2020 in Fishing Harbour Campus, College of Fisheries Nautical Technology. The staff of CFNT and CIVF have participated. The Dean of the college, captain. S. Viswanathan hoisted the tricolor flag and gave a special speech about freedom fighters.



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