



TN FU NEWSLETTER

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



The Second Steering Committee meeting of APA'19 was organized on 3rd and 4th of December 2018 at Hotel Feathers, Chennai by TNJFU along with WAS Conference Management. Major decisions on Technical Programme and finalizing chairs and Co-Chairs for the sessions were discussed. The organizers visited Chennai Trade Center to finalize the logistics arrangements for APA'19 and the organizers team also visited the Hon'ble Fisheries Minister to release the Indian APA'19 brochure along with the Principal Secretary, Department of Animal Husbandry, Dairying and Fisheries.

The Disease Surveillance and PCR laboratories at Madhavaram campus of Tamil Nadu Dr.J.Jayalalithaa Fisheries University were inaugurated by the Honorable Chief Minister of Tamil Nadu at the Secretariat on 12.12.2018 through video conferencing. The PCR and the disease surveillance laboratories for the aquatic animal diseases were established with the funding support from NADP (Rs.75.0 lakhs) and State Planning Commission, TANII scheme (Rs. 125.0 lakhs), respectively. Thereafter, various units of the laboratory viz., Microbiology, Histopathology, PCR and Information and communication technology (ICT) were inaugurated.

I participated in the Brainstorming workshop on **"Strategies for improving professional Fisheries Education in India"** inaugurated on 13th December, 2018 at the College of Fisheries Manglore.

TNJFU organized the National Workshop on **Roots and Radiance of TNJFU Alumni in Fisheries and Aquaculture**, at University Headquarters, Nagapattinam on 15.12.2018. TNJFU Alumnus Tmt. J. Innocent Divya, IAS, District Collector, Nilgiris District in her chief guest address emphasized that more young graduates should aspire for civil services to provide noble service to the society.

Aquaculture Biotechnology Lab was inaugurated on 11.12.2018. The Azolla culture unit, sponsored by National Fisheries Development Board, Hyderabad was inaugurated on 11.12.2018 at the Advanced Research Farm Facility (ARFF), Madhavaram.

Prof. S. Felix
Vice-Chancellor

VC EVENTS

Second Steering Committee Meeting for Asian Pacific Aquaculture Event (APA'19) held at Hotel Feathers Chennai on 3rd and 4th December 2018

The Second Steering Committee meeting of APA'19 was organized on 3rd and 4th of December 2018 at Hotel Feathers Chennai. The meeting was organized by TNJFU along with WAS Conference Management. Major decisions on technical programme and finalizing chairs and Co-Chairs for the sessions



have been discussed. The organizers team visited Chennai trade center to finalize the logistics arrangements for APA'19 and the organizers team also visited the Hon'ble Fisheries Minister to release the Indian APA'19 brochure along with secretary.

- Vice-Chancellor chaired the Tenth Academic Council meeting held at Conference Hall, ARTP, Chennai on 11.12.18



- Ninth meeting of the Finance Committee of TNJFU was conducted at the ARTP Conference Hall on 11.12.18
- Sixteenth meeting of the Board of Management (BoM) of TNJFU was conducted at the ARTP Conference Hall on 11.12.18



Inauguration of PCR and Disease Surveillance Laboratories

The disease surveillance and PCR laboratories at Madhavaram campus of Tamil Nadu Dr.J.Jayalalithaa Fisheries University were inaugurated by the honorable Chief Minister of Tamil Nadu at the Secretariat on 12.12.2018 through video conferencing. The PCR and the disease surveillance laboratories for the aquatic animal diseases were established with the funding support from NADP (Rs.75.0 lakhs) and State Planning Commission, TANII scheme (Rs. 125.0 lakhs), respectively. Thereafter, various units of the laboratory viz., Microbiology, Histopathology, PCR and Information and communication technology (ICT) were inaugurated by the honorable Vice-Chancellor of the University, Dr.S.Felix. The Director of the Staff training Academy,



Dr.R. Senthilathiban, Staff and Students of the College of fish nutrition and feed technology and farmers attended the Programme. The laboratory has state of art facilities to extend diagnostic services to the farmers of the state to improve the fisheries production. The research facilities are also made available to the industries and the research scholars of the University.

Attended the Brainstorming workshop on "Strategies for improving professional Fisheries Education in India" on 13th December, 2018

Brainstorming workshop on "Strategies for improving professional Fisheries Education in India" was inaugurated on 13th December, 2018 at the College of Fisheries Mangalore. The main objective of this workshop was to review the present status and draw a strategic plan for next decade, the experts in the field of fisheries education, research and industry are invited to deliver a key note address and in the open house, the important issues bothering the education and research sector were discussed.



Several fisheries experts all over the country were present at this Brainstorming Workshop.

Dr. S. Felix, Vice-Chancellor, Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam, Tamil Nadu inaugurated the workshop by lighting the lamp. Dr. Gopal Krishna, Director and Vice-Chancellor, CIFE (Deemed University) Mumbai was the



chief guest and addressed the gathering. Dr. Vijaykumar Yaragal, Deputy Director, MPEDA, Karwar was the Guest of Honour. Dr. H. Shivananda Murthy, Dean, College of Fisheries, Mangaluru presided over the function.

National Workshop on Roots and Radiance of TNJFU Alumni in Fisheries and Aquaculture

TNJFU organized the National Workshop on **Roots and Radiance of TNJFU Alumni in Fisheries and Aquaculture**, at University Headquarters, Nagapattinam on 15.12.2018. Prof. S. Felix, Vice-Chancellor presided over the inaugural function. He mentioned that civil servants play a major role in the policy decisions of the Government. Hence, more and more number of fisheries students staff need to be motivated to aspire for civil services. This will serve the cause of development of the fisheries sector. Further, he stated that the University is planning to expand its research units and to introduce new professional courses in the coming years. TNJFU Alumnus Tmt. J. Innocent



Divya, IAS, District Collector, Nilgiris District in her chief guest address emphasized that more young graduates should aspire for civil services to provide noble service to the society. The souvenir of the workshop was released by Prof. S. Felix and the first copy was received by Tmt. J. Innocent Divya. Mr. R. Raveendran, International Consultant in Processing Industry, Mr. M. Rajan, Managing Director, Nellore Hatcheries, and Dr. P. Krishnan, Principal Scientist NAARM Hyderabad, delivered invited talks on various aspects including Seafood industries in east African

countries – opportunities and crisis, institute and aquaculture industry – a hand in glove, and concrete requirements of fisheries professionals in to days scenario. In the post-lunch session, the formation of TNJFU Alumni Network took place and Office bearers were elected.



Aquaculture Biotechnology Lab at ARFF, Madhavaram inaugurated

Aquaculture Biotechnology Lab was inaugurated on 11.12.2018 by Prof. S. Felix, Vice-Chancellor, TNJFU, Nagapattinam in the presence of Registrar, TNJFU and Dean of Dr. M.G.R. Fisheries College and Research Institute, Ponneri. The lab is located at the Advanced Research Farm Facility (ARFF) - one of the off campus facility of Dr. M.G.R. FC&RI, Ponneri where most of the applied and field oriented research work is being conducted for various external funded projects (DBT, New Delhi, NADP, New Delhi, NFDB, Hyderabad, and Industrial projects: Kemin, Virbac, Rajashree Biosolution etc.). The lab is equipped to monitor water quality, analysis of microbiological, biochemical immunological and molecular parameters of the experimental and culture fish in raceway and lined ponds. At present, 3 Ph.D. and 3 M.F.Sc. students are doing research work and two technicians are working in the lab for research work. Analysis of soil/water/ fish samples brought by farmers is also done on payment basis.

Azolla culture unit at ARFF, Madhavaram

Dr. S. Felix, Vice-Chancellor, TNJFU, inaugurated Azolla culture unit in the presence of Dean, Dr. M.G.R. Fisheries College and Research Institute, Ponneri and Project Officer, ARTP on 11.12.2018 at Advanced Research Farm Facility (ARFF), Madhavaram. The Azolla culture unit is sponsored by National Fisheries Development Board, Hyderabad. The unit is used for the large scale production of Azolla and will be used for the feed





ingredient to GIFT-Tilapia as a cheap source of protein and especially as a replacement of the fish meal.



Thereafter, various units of the laboratory viz., Microbiology, Histopathology, PCR and Information and Communication Technology (ICT) were inaugurated by the honorable Vice-Chancellor of the University, Prof. S. Felix. The laboratory has state of art facilities to extend diagnostic services to the farmers of the state to improve the fisheries production. The research facilities are also made available to the industries and the research scholars of the University.



DIRECTORATES

Training programme on "Freshwater Fish Farming Technology" at Kanyakumari Parakkai Centre for Sustainable Aquaculture, Parakkai.

Kanyakumari Parakkai Centre for Sustainable Aquaculture, Parakkai, Nagercoil conducted a training programme on "Freshwater Fish Farming Technology" on 17.12.2018 and 18.12.2018. Overall 14 participants attended the programme inclusive of 2 women participants. Lectures on topics such as Carp farming, Cage fish farming, Pangasius fish farming, Gift tilapia fish farming and integrated fish farming were delivered. The trainees were taken to fish farm for hands on training. Training manual and Certificates were distributed to the trainees.

The above said programme was organized and Co-ordinated by Dr.K. Ravaneshwaran, Professor and Head. KKPCeSA, Parakkai.



Training on Water quality management in shrimp farming at KKGcSA, Kanyakumari Dt

A one day paid training programme on water quality management in shrimp farming was organised by Kanyakumari Ganapathipuram Centre for Sustainable Aquaculture, DCeSA, TNJFU at KKGcSA training hall, Ganapathipuram on December 13, 2018. Mr. Anix Vivek Santhiya, Assiatant Professor, KKGcSA delivered a lecture on the importance of water quality for aquaculture in the morning session and demonstrated the



measurement and analysis of water quality parameters in water sample during practical class in the afternoon session. After finishing the session there was an open discussion where the farmers clarified their doubts about the management of water quality parameters in aquaculture. Totally 10 farmers participated and completed the training. At the end of the session certificate was distributed to all the farmers.

Visit to Fish Feed Mill at Fisheries Institute of Training & Technology, Muttukadu

As a part of the course (Freshwater Aquaculture), the students of 1st year B. Tech (Biotechnology) were taken to Fish Feed Mill owned by Fisheries Institute of Training & Technology, Muttukadu, Chennai under TNJFU. Mr. P. Kannan (Teaching Assistant) and Mr. A.S. Raj Mohan (Assistant Project Manager) explained the fish feed production procedure right from the selection of feed ingredients until processing and transportation.

AWARDS

Student of FC&RI, Thoothukudi Won "Runners Title" in The SHOAL 2018 at Mangaluru

As a part of celebrating glorious fifty years (1969-2019), College of Fisheries, Mangaluru organized the First All India Fisheries Colleges Students Cultural & Sports Meet, "The SHOAL 2018" between 14.12.2018 & 15.12.2018. A total of 8 fisheries colleges from all over India participated in the two day cultural and sports meet held for the first time at College of Fisheries, Mangaluru. Competitions were held among the participants



testing the cultural and sports powers of the students. The students of this Institute actively participated in the cultural events including Light Vocal Solo /Gazal (Non Film Songs), Group Singing, Extempore, Debate, Quiz, Rangoli, Clay Modeling, Group Dance – Folk, Mime, Collage, Chart Painting and Cartoon Drawing. Apart from these cultural events, students actively took part in sports event such as swimming, badminton shuttle, table tennis and Chess. FC&RI won "Runners up" position and bringing laurels to this institute. Dr.S.Athithan, Vice-President of Students' Association served as Team Manager and took 28 students to this event for active participation. The performance of all participants from Fisheries College and Research Institute were appreciated by the Dean.

Dr.M.G.R.FC & RI, Ponneri Student bagged State Championship

Mr. G. Sanjay Kanth (1st year B.F.Sc. - 2018-19 Batch), Student of Dr. M.G.R. FC&RI, Ponneri bagged Gold medal (first position) in the 28th Tamil Nadu State Roller Hockey Championship 2018-19, held at Thanjavur, Tamil Nadu during 28- 29, November, 2018. This glorious victory has also made him eligible to play in the National Championship held at Vishakhapatnam on 18-24,



December, 2018. Dr. B. Ahilan, Dean of the Institute appreciated the student for his remarkable achievement and encouraged him to win the national championship also.

Students of Dr. M.G.R. FC&RI, Ponneri grabbed prizes in The SHOAL-2018 held at CoE, Mangaluru, Karnataka

Students of the Dr. M.G.R. Fisheries College and Research Institute, Ponneri participated in the First All India Fisheries Colleges Sports and Cultural Meet, **The SHOAL-2018** held at



the College of Fisheries, Mangaluru, Karnataka from 14.12.2018 to 15.12.2018. A total of 8 Fisheries colleges from all over India participated in this two days cultural and sports meet. Dr. N. Muralidharan, Assistant Professor, DFPT served as Team Manager and took 18 students from the college to this event. The



performance of all participants from the Dr. M.G.R. Fisheries College and Research Institute, Ponneri were appreciated by the Dean, Dr. B. Ahilan and Vice-President of Student's Association Dr. Cheryl Antony as the students' grabbed 10 prizes in different categories and events and brought laurels to the Institute.

COMMON PROGRAMS / EVENTS

World Soil Day celebrated at Fisheries College and Research Institute, Thoothukudi

World Soil Health Day was celebrated at FC&RI, Thoothukudi on 05.12.2018 as per the recommendation of the ICAR. This programme was coordinated by the Department of Aquatic Environment Management under this year's theme of "Stop Soil Pollution". Every year December 5th is celebrated as



World Soil Health Day to mark the importance of soil as a critical component of the natural system and as a vital contributor to the human well-being through food, water and energy. In the inaugural function, Dr.P. Padmavathy, Associate Professor and Head, Dept. of Aquatic Environment Management welcomed the gathering. Dr.N.V. Sujathkumar, Dean i/c in his presidential address highlighted the importance of celebrating soil health day and the role of soil in aquaculture. Dr.S. Athithan, Professor and Head, Department of Aquaculture in his keynote address highlighted soil management in aquaculture. Topics such as nutrient management and carbon nitrogen ratio in soil, plankton productivity in the fish culture system and the importance of soil and water quality in aquaculture were delivered by the staff of the department. A total of 20 farmers from in and around Thoothukudi district were benefited through this programme. Dr.V. Rani, Assistant Professor, proposed vote of thanks. Tmt.D. Manimekalai, Assistant Professor coordinated the programme.

Campus Cleaning conducted at Dr.M.G.R. FC&RI, Ponneri

As an early measure to prevent the outbreak of Dengue fever in the campus premises, NSS unit under the guidance of Dr. B. Ahilan, Dean of the Institute conducted a campus cleaning programme on 02.12.2018. All the students of the Institute



actively participated in the programme. Since the programme concentrated more in removing weed plants present in the campus, the students were given prior advice on safety measures from reptiles and about segregating both organic and inorganic matter from the collected wastes. The cleaning programme also ensured removal of stagnant water in small pits, which will ensure the arrest of breeding of dengue mosquitoes. The programme began sharply at 7 am and lasted till noon of the day. Thiru.M. Kalaiarasan, NSS programme officer and Asst. Professor, DFTFE coordinated all the arrangements for the event.

Soil Health Day Celebration by Dr. M.G.R FC&RI, Ponneri

To celebrate the Soil health day, an awareness camp was organised by the Department of Fisheries Extension, Economics and Statistics (DFEES) of the Dr. M.G.R Fisheries College and Research Institute, Ponneri on 5.12.2018 at Kallukadaimedu. Kallukadaimedu is an irregular community hamlet situated in the outskirts of Ponneri. The hamlet consists of around 40 families. Most of them are working as labourers in nearby agricultural/fish farms and also practice pole & line fishing in the Aarani River. The awareness camp was mainly focused on stressing "Importance of Water and Soil Quality in Fisheries and Aquaculture". With



the help of the hamlet's leader, Selvi.S. Agnes Daney Angela, Asst. Professor & Head, explained the importance of Water and Soil quality for Aquaculture and the optimum range of parameters to be maintained for successful fish culture. Arrangements for the event was made by Dr.C. Lloyd Chrispin, Asst. Professor, DFEES.

Special lecture organized at Dr.M.G.R FC & RI, Ponneri

Dr. T. Jawahar Abraham, Professor, Department of Fishery Aquatic Health Management, West Bengal University of Animal and Fishery Sciences, Kolkata delivered a special lecture on "Diseases in freshwater aquaculture with special reference to



West Bengal, India" on 10.12.2018 at the Dr. M.G.R. Fisheries College and Research Institute, Ponneri. Dr. B. Ahilan, Dean of the Institute presided over the lecture. All the faculties and students of the campus got benefitted from the informative lecture. Dr. N. Muralidharan, Asst. Professor, DFPT coordinated the arrangements for the special lecture.

World Soil Health day celebrated at Dr.M.G.R.Fisheries College and Research Institute, Thalainayeru, Nagapattinam

World Soil Health day was celebrated on 05.12.2018 at the Dr.M.G.R. Fisheries College and Research Institute, Thalainayeru, Nagapattinam. Slogan and Essay writing contests on "Soil Health Aspects" were conducted for the students. The students actively participated in the contests. The first prize for slogan writing contest was won by Selvi.P.N. Aishwarya, 1st B.F.Sc. student. The second prize for slogan writing contest was won by Thiru. Inpent Campal, IIndB.F.Sc. Student. Dr.B. Sundaramoorthy, Dean i/c., of this Institute welcomed the gathering for the prize distribution function and introduced the chief guest Thiru.R. Karumalai kannan, Technical Officer, Farm Sector, State Bank of India, Nagapattinam for this function. The chief guest distributed the prizes to the students. Dr.R. Santhakumar, Professor and Head, (DFEES) proposed vote of thanks.

Off campus training programme on 'Preparation of value added fishery products for marketing' on 06.12.2018 and 07.12.2018 at Tharangampadi, Nagapattinam

The Dr. M.G.R. Fisheries College and Research Institute, Thalainayeru, organized a two day off campus training programme on 'Preparation of value added fishery products for marketing' on 06.12.2018 and 07.12.2018 at the Community hall of Tharangampadi, Nagapattinam. The financial requirement was fulfilled by NETFISH – MPEDA, Chennai. Skill was imparted on preparation of value added fishery products such as fish cutlet, fish sandwich, masal dried fish, fish-bajji, prawn pickle and fish burger were prepared. The packing technology for fish pickle and masala flavored dry fish prepared during the first day of the programme was demonstrated in the second day. Sri.S. Ravi, Former Personal Secretary to Government of



Pudhucherry and the current Technical Advisor to the BOBP attended the valedictory function and stressed on the need for involvement of fisherwomen in the fish based business. 32 fisherwomen from Tharangampadi fishing village were benefitted out of this training programme. Th. M. Muruganantham, Assistant Professor and Head co-ordinated this event.

CFNFT Madhavaram

PARTICIPATION IN NATIONAL CONFERENCE

Students of I year B.Tech Food Technology from College of Fish Nutrition and Food Technology, Madhavaram participated in the National conference cum workshop on 'Zero hunger challenge: strategies for food security' organized by College of Food and Dairy Technology, TANUVAS, Koduveli on 20th and 21st December, 2018. Participants had the golden opportunity to gather knowledge from the discourse of various leading educationalists



and industrialists from the food fraternity. Representing the college, nine students competed in various events such as poster presentation, fruits and vegetables carving and cooking without fire. Selvi. Expedit Adelina and Selvi.G.Keerthi secured the I prize for the competition cooking without fire. Thiru. Sheik Meeran Metha and Thiru. Hariharan presented e-poster on the topic 'Smart foods to combat nutritional hunger' and Thiru. A. Jefrin presented on the topic 'Sardines- a choice for zero hunger challenge'.



ICAR-KRISHI VIGYAN KENDRA

Off Campus Training on System of Rice Intensification under Farmers Field School

Training on System of Rice Intensification (SRI) under Farmers Field School was conducted on 22.12.2018 at Thirukadaiyur village, Sembanarkoil block. Thiru.Thomas, Assistant Director of Agriculture, Sembanarkoil block inaugurated the programme. In this training programme, sowing of seeds, nursery management and square method of transplanting and important agronomical practices in rice crop were explained to the farmers. Thiru.R.Vetharethinam, Farm Manager, KVK, Sikkal imparted the training on Agronomical practices in SRI. Dr.K. Chandrsekhar, Subject Matter Specialist (Agri. Entomology), KVK, Sikkal imparted training on Integrated Pest and Disease Management practices in Rice. Overall 75 nos. of farmers from Thirukadaiyur, Parasalur, Memathur participated and were benefited.

Institute of Fisheries Post Graduate Studies

Vaniyanchavadi, Chennai

Visit to Chembarmakkam Government Magur Fish Hatchery





The students of first year B. Tech (Biotechnology) and M.F.Sc., students of Fish Genetics & breeding) and Fish Pharmacology & Toxicology were taken to Chembarmbakkam Government magur fish (*Clariasbattachus*) hatchery

owned by Tamil Nadu Fisheries Department on 05.12.2018. Thiru. N. Sadurudeen (M.F.Sc.), Sub-Inspector of Fisheries explained the activities regarding the broodstock selection, maintenance, induced breeding and larval rearing of the fish, *Clariasbattachus*. He also explained practical concerns adherent to the breeding of magur and the scope of Biotechnology in the breeding and seed rearing of magur in the country.

COLLEGE NEWS

Dr. M. Devaraj Endowment Lecture at FC&RI, Thoothukudi

An Endowment Lecture was organised at the Fisheries College and Research Institute, Thoothukudi on 21.12.2018. The endowment fund in the name of Dr. M. Devaraj Endowment Lecuture was instituted organizing lecture delivered by scientist of eminence on different field of fisheries every year. The



inaugural lecture was delivered on the topic "A Wonder Called Fish" by Prof. Mohan Joseph Modayil, Former Chairman, ASRB, New Delhi and Former Director, CMFRI, Kochi, who covered various aspects on the

importance and usefulness of fish. The Endowment Lecture was attended by all faculty and students of the Institute as well as representative of other institute of the University. Dr. G. Sugumar, Dean welcomed the gathering and paid tribute to Dr. M. Devaraj, Formed Dean of this Institute and well known scientist in the field of population dynamics of fish, who served at Fisheries College and Research Institute, Thoothukudi during 1989-1993. The period of his tenure was marked by development of infrastructure, manpower and research projects.

FC&RI, Thoothukudi, Celebrated Hostel Day 2017-18

The students of the Fisheries College and Research Institute, Thoothukudi celebrated "Hostel Day" on 28.12.2018 at the Kayal Kalaiaragam of the Institute in the evening. Thiru. D.R. Balan, M.A., Vice President, Tamil Nadu Basketball Association and Managing Partner, V.N.M.A.D. Firm, Thoothukudi district was the chief guest. In his address, he recollected cherished memories at Loyola College hostel and highlighted the need to be fit. The students must plan, acquire and strive hard to accomplish their goals, he stressed. On the occasion, he also inaugurated the fitness center with necessary fitness tools for the benefit of inmates.

Dr.G. Sugumar, Dean presided over the function. He advised the students to be responsible and strive hard to maintain dignity. Dr. P. Jawahar, Warden of the Fisheries College and Research Institute Hostels presented the annual report of the hostels for the year 2018-2019. Thiru. V. Vijayaraghavan, Deputy Warden of the Boys' Hostel welcomed the gathering. Prizes were distributed to the winners on the occasion by Tmt and Thiru. Balan. In conclusion, vote of thanks was delivered by the Deputy Warden of the Girls Hostel, Tmt. T. Umamaheswari. Thiru. M. Ranjith kumar, Boys Hostel Secretary and Selvi. C. Abisha, Girls Hostel Secretary made all arrangements in connection with the function. The function ended with the delightful dinner arranged by the Mess Secretaries of the boys and girls hostels, Thiru. S. Jayaprakash Sabari and Selvi. G. Sathya.



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