

TNFU NEWS LETTER

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FROM THE DESK OF VICE – CHANCELLOR.....



Hon'ble Chief Minister of Tamil Nadu, visited Nagapattinam district on the 20th of September and I had an opportunity to meet him in person.

Another milestone in the TNFU's development happened this month and our Secretary Dr. K. Gopal, IAS, released the GO for the new FCRI, Thalainayeru!

Introduced 'Students Research Guidance Workshop' in TNFU this month and all the PG and Ph.D., students' research proposals were given a clear guidance for the perfect execution of the research works. This exercise was conducted with the help of Senior Scientists from Fisheries Institutes of the country and Industry friends. This is felt essential to improve the quality of research output from our students/scholars.

Tamil Nadu Government is taking a serious view on deep sea fishing technology now with the support of Govt. of India. TNFU would wish to involve themselves in this massive project in Tamil Nadu particularly in the capacity building area. TNFU is developing Para professional IFTs in Mandapam, Thoothukudi & Thoothur for this purpose to cater to the need of fishers of the state.

Let's work together towards achieving newer heights in imparting quality Fisheries Education in TNFU!

Prof. S. Felix
Vice - Chancellor

EVENTS/MEETINGS

Hon'ble Chief Minister's visit to TNFU Stall at Nagapattinam

The Tamil Nadu Fisheries University put up an exhibition stall in the MGR centenary celebrations on



20.09.2017 at Nagapattinam. The Hon'ble Chief Minister of Tamil Nadu Th. Edappadi K. Palaniswami and Hon'ble Minister for Handlooms and Textiles Th. O.S. Manian visited the TNFU stall along Th. S. Suresh Kumar, District Collector, Nagapattinam and witnessed the displays, models and specimens displayed in the stall. Dr. S. Felix, Vice-Chancellor, TNFU visited the stall on this occasion. Specimens of popular ornamental fish varieties, value added fish products, models of fishing boats and engines and aquaponics, educational DVDs and charts were some of the exhibits displayed in the stall. The Directorate of Extension Education, TNFU made all arrangements for this event. More than 15,000 viewers including school students visited the stall.

Workshop on "Deep Sea Fishing in Tamil Nadu – Challenges and Opportunities" at IPGS Campus

A one day workshop on "Deep sea fishing in Tamil Nadu, challenges and opportunities" was conducted at the Institute of Post Graduate Studies (IPGS), OMR Campus, Chennai on 08.09.2017. The workshop was jointly organized by the Tamil Nadu Fisheries University and Tamil Nadu State Fisheries Department. Dr.G.Sugumar, Dean, FCRI, Thoothukudi and Convener of the workshop welcomed the gathering and elucidated the importance of the workshop. The workshop was inaugurated by **Th. D. Jayakumar, Hon'ble Minister for Fisheries and Pro-Chancellor of the University**. In his inaugural address, the Hon'ble Minister stressed the importance of deep sea fishing to fully exploit the fishery resources and increase the capture fish production as about 1.7 million tons of deepsea fishery resources remain unexploited.

Dr. K. Gopal, IAS., Principal Secretary to Government, Animal Husbandry, Dairying and Fisheries in his address gave an outline on the untapped deep sea resources of the

country and the need to diversify the efforts of fishermen. The Director of fisheries, Mr.V.P. Thandapani, IAS., wanted regulating the marketing strategy of the fish catch to realize a better income for the fishermen. Dr. S. Felix, Vice-Chancellor, TNFU, in his presidential address, pointed out the initiatives taken by the TNFU in augmenting deep sea fishing in the state. The University is in the process of establishing deep sea fishing related skill development centres at three different



places viz. Thoothukudi, Thoothur and Mandapam for the benefit of fishermen. A book titled "**Azhkadal Meen Pidipirku Aayathamavoom**" authored by Dr.B.Sundaramoorthy and others was released on the occasion by the Hon'ble Minister for Fisheries.

The inauguration ceremony was followed by technical sessions where seven invited lectures were presented. These presentations were made by Dr. G.S. Sameeran, IAS, Additional Director of Fisheries, Ramanathapuram, Er. M.V. Baiju, Senior Scientist & Naval Architect, CIFT (ICAR), Kochi, Dr. P. Pravin, Assistant Director General (Marine Fisheries), ICAR, New Delhi, Dr. A. Anrose, Zonal Director (Retd.), FSI, Chennai, Dr. V. Vivekanandan, Secretary, FMRC, Chennai and Dr. A. John Chembian, Senior Scientist, FSI, Chennai. In this meet Mr. John Bosco, Fisherman, Thoothur, Kanyakumari District shared his experience on deep sea fishing. A total of 75 participants attended the workshop.

Dr. D. Sukumar, Director, DFTTIC-PH, TNFU summarized the proceedings of the workshop. Dr.G. Sugumar, Dean and Convenor and Dr.N. Neethiselvan, and Dr.B.Sundaramoorthy, the Organising Secretaries coordinated the workshop proceedings.

Students Research Guidance Workshop (SRGW)

A workshop on Student Research Guidance (SRGW) was conducted on 01.09.2017 at the FCRI, Thoothukudi. The Students Research Guidance Workshop (SRGW) focused on improving the research programmes of the postgraduate students of 2016-17 batch and to evaluate the methodology adopted for research. Dr. S. Felix, Vice-Chancellor of Tamil Nadu Fisheries University inaugurated the Workshop. Dr.G.Sugumar, Dean and Coordinator of SRGW, FCRI,

Thoothukudi welcomed the gathering and elucidated the purpose of the SRGW. A total of 28 postgraduate students of 2016-17 batch from FCRI, Thoothukudi and Ponneri presented their research programs in the workshop. Dr.V.S. Chandrasekaran and Dr. S.K.Otta, Principal Scientists from CIBA Chennai, Dr. I. Jagadis, Principal Scientist, CMFRI, Thoothukudi and Mr. Ranjith Manly. K.K. Life Sciences, Chennai and an adjunct faculty of TNFU participated in the workshop as External Experts and offered their valuable suggestions to improve the quality of the research work of the students. Dr.G.Jeyasekaran, Director of Research in-charge Dr. B.Ahilan, Dean in-charge, FCRI, Ponneri and Dr. S.A. Shanmugam, Controller of



Examinations of TNFU also participated and provided their inputs and suggestions. In his concluding remarks, the Vice-Chancellor stressed the need for taking up the research topics based on current need and applied value for fisheries industries with specific requirements. Finally, the Technical Committee summarized the outcome of the workshop. Dr. N.V.Sujathkumar, Professor and Head served as Organizing Secretary for this workshop.

International Training program on "Soil and Water quality Management in Aquaculture"

The Department of Aquatic Environment Management, FCRI, Ponneri organized four-day International training cum workshop on "Soil and Water Quality Management in Aquaculture" from 12 - 15 September, 2017. The main objective of this program was to impart technical knowledge



and hands-on training on analysis of soil and water quality parameters. A total of 16 participants comprising two Intern trainees from Myanmar, scientists from Central Institutes, faculty from TNFU, entrepreneurs and farmers attended the program. The sessions of this program particularly focused on importance of soil and water quality parameters in aquaculture and their management practices. As a part of this training program, a field visit was arranged to Advance Research Farm Facility, Madhavaram. Dr. M. Kailasam, Principal Scientist, CIBA was the chief guest for the valedictory program held on 15.09.2017. Dr. B. Ahilan, Dean i/c gave the participants certificates to the trainees. Mrs. S. Aruna, Assistant Professor and Head, Department of Aquatic Environment Management conducted this training program.

Workshop on Advanced surveying using Total station

Dr. S. Balasubramanian, Dean, College of Fisheries Engineering, Tamil Nadu Fisheries University, Nagappattinam inaugurated the One day workshop on 'Advanced surveying using Total station' held at Nagapattinam on 14.09.2017 and 16.09.2017. This training was organized in two batches. A total of 56 and 24 number of participants from various Engineering colleges and



Industries attended the workshops in the first and second batches, respectively. The technical sessions were on basic instruments used in surveying, techniques used in surveying, working principles and salient features of total station. Hands-on training was given to the participants on 'General planning aspects on engineering survey', 'Design and construction aspects as well as their application on aquaculture pond and agricultural systems', 'Basics on operational and handling procedures of Total station and strategies pertaining to aquaculture'. In the group discussion, participants shared their expectations and experience. The programme was organized by Er. R. Regupathy, Dr. Mohammed Tanveer and Dr. M. Sivakumar of College of Fisheries Engineering.

Workshop on Android Application Development

A One day workshop on 'Android Application Development' was organized on 27th September 2017 at the

College of Fisheries Engineering, Nagapattinam. It focused on design aspects of various android applications. It also included various design aspects using user interfaces. Thirty nine participants from various Engineering and Arts Colleges in and around Nagapattinam participated in the workshop. The event was coordinated by Er. C. Mercy Amrita, Asst. Professor.

TNFU signed MoU with the CIFE Mumbai

A Memorandum of Understanding (MoU) was signed on 04.09.2017 at Central Institute of Fisheries Education (CIFE), Mumbai between TNFU & CIFE, Mumbai. Dr. G. Jeyasekaran, Director of Research i/c, TNFU and Dr. N.P. Sahu, Dean, CIFE, signed the MoU in the presence of



Dr. S. Felix, Vice-Chancellor, TNFU and various Heads of the Divisions of CIFE. This MoU shall help the students and scientists of both the Universities to undertake joint research works / programmes in different fields of Fisheries Science for the overall development at National and International levels.

TNFU Signed MoU with the CIBA, Chennai

A Memorandum of Understanding (MoU) was signed between TNFU, Nagapattinam & CIBA, Chennai at the Central Institute of Brackishwater Aquaculture at Chennai



on 25.09.2017. Dr. G. Jeyasekaran, Director of Research i/c., and Dr. K.K. Vijayan, Director, ICAR-CIBA signed the MoU in the presence of Dr. S. Felix, Vice-Chancellor, TNFU and various Heads of the Divisions and all the Scientists of ICAR-CIBA. This MoU is mainly for strengthening the research

activities in different branches of fisheries science that will lead to increased fish production and improvement in the livelihood of fisherfolk.

VICE-CHANCELLOR'S VISITS

Vice-Chancellor's visit to Trichy CeSA (A New Centre)

The Vice-Chancellor visited Trichy on 11.09.2017 in connection with the site selection for Trichy Centre for Sustainable Aquaculture. He visited the site at Thiruchendurai in Anthanallur Panchayat and Jeeyapuram village. The Vice-Chancellor met the District Collector, Trichy and briefed about the upcoming facility at Trichy and the land identification process. Dr.J.Stephen Sampath



Kumar, DCeSA and Dr.V.Senthilkumar, Assistant Professor and Head i/c, Thanjavur Centre for Sustainable Aquaculture made arrangements for the visit.

Vice-Chancellor's visit to TNFUA, Chennai

Dr. S. Felix, Vice-Chancellor visited the Tamil Nadu Fisheries University Academy, Chennai on 12.9.2017 and conducted a meeting with regular inservice trainees. He



suggested them to collect data on demographic characteristics, fisheries resource and socio-economic data of the inland and coastal districts of Tamil Nadu.

Orientation program for B.F.Sc., and B.E., Fisheries Engineering students (2017-18 Batch)

The Orientation program for the 2017-18 batch students of B.F.Sc., and B.E. Fisheries Engineering were conducted on

18.09.2017. For B.F.Sc., the orientation program was held both at Thoothukudi and Ponneri and for B.E (Fisheries Engineering) the orientation program was held at



Nagapattinam. At the FCRI, Thoothukudi, Dr.G. Sugumar, Dean welcomed the students and their parents and he explained the genesis of the college and the status of the alumni of this institute. Dr. S. Athithan, students coordinator handled a session on academic rules and scholarships. Dr.B. Sundaramoorthy, warden explained hostel rules and regulations. Mrs. J. Jaculine Pereira, the students counselor proposed vote of thanks. At the FCRI, Ponneri, Dr. B. Ahilan, Dean i/c., delivered the welcome address and explained the potential of the fisheries sector. Dr.N. Jeyakumar, students coordinator explained the academic rules and scholarships, Mr.R. Durairaja, Warden i/c., elucidated the hostel rules and regulations and Ms. S. Agnes Daney Angela, students' counselor proposed vote of thanks. In the Orientation program for 2017-18 batch students of B.E. (Fisheries Engineering) conducted at College of Fisheries Engineering, Dr. S. Balasubramanian, Dean explained the job opportunities, scope of BE (Fisheries Engineering). Er.C. Mercy Amirta and senior students of B.E., (Fisheries Engineering), shared about their experience, stay at college and hostel. Er. C. Mercy Amirta and Dr. R. Brimasurewaran, Assistant Professors coordinated the event. During 2017-18, a total of 124 students (including three under NRI category) were admitted to the B.F.Sc., program and 21 students (including four under NRI) were admitted to B.E (Fisheries Engineering) program.

STUDENTS CORNER

ELP Program at FCRI, Thoothukudi

Experiential Learning Program (ELP) for the IV B.F.Sc., students (35 numbers) of the FCRI, Thoothukudi commenced on 01.08.2017. This program carries a total credit load of 0+20 hours. Under ELP, the students gain hands-on exposure to aquaculture practices and fish post harvest technology for a duration of 52 days each. Under aquaculture, the students were involved in commercial farming of *L. vannamei* at the Mariculture Research Farm Facilities, Tharuvaikulam and operation of ornamental fish culture unit. Under fish post harvest technology, the students

were exposed to production and marketing of popular value-added fish products in the brand name of *Kayal*. They also participated in the *Pasumai Vikatan* exhibition organized at Trichy during the first week of September and sold the *Kayal* products in the exhibition.

Elocution and painting competition

In view of MGR Centenary celebration, a District level elocution and painting competition was conducted for constituent colleges of Bharathidasan University, at Nagapattinam on 07.09.2017. Seven students of CoFE participated in the event. Mr. B. Pandiayaraja III BE (FE) student got I prize in essay competition and Miss R. Ragasudha and Mr.R. Pradeep won II prize in elocution competition.

Cleanliness campaign at FCRI, Ponneri

The Cleanliness campaign Programme was conducted in the campus of FC&RI, Ponneri on 20.09.2017. All the students and staff of the institute participated in the cleanliness programme. The Dean i/c., of the institute Dr. B. Ahilan inaugurated the event. The event focussed as keeping premises of the college clean.

Cleaning of Nagore Fish Landing Centre by CoFE Students

On 28.09.2017, College of Fisheries Engineering, Tamil Nadu Fisheries University, Nagapattinam and Reliance Foundation jointly organized a cleaning program in the fish landing centre located in Nagore. Dr. S. Balasubramanian, Dean, CoFE, Mr. Kumaravel, Inspector of Police, Nagore, and Mr. T. Maikandan, Project Manager inaugurated the program. About 25 I and II year student volunteers of College of Fisheries Engineering participated in this cleaning activity. The event was co-ordinated by Dr. K. Rathna kumar, Professor and Head, Dept. of Fish Process Engineering and NSS Programme Officers Dr. M. Ramar and Dr. D. Kesavan, Asst. Professors.

Field visits by CoFE Students

Field visit to M/s. Ravikumar farm, Nagore has been arranged for II BE (FE) students to know about the nursery techniques and growing aspects of *vannamei* species. Field visit was arranged for II BE Fisheries Engineering students to

show the integrated fish farming practices in Integrated Fish Farm, Surakudi on 21.09.2017.



Teacher's Day Celebrations at the FCRI, Thoothukudi

The Students Association of Fisheries College and Research Institute, Thoothukudi organized the celebration of "Teachers' Day" on 05.09.2017. On that occasion, an elocution competition for students on "Teacher's contribution in shaping up the progress of students" was conducted. Dr.G.Sugumar, Dean and President of Student's Association



presided over the function and in his presidential address he reiterated the commitments of the teachers for developing the students. Mr.T.Ganeshkumar, Ms.Selvapoojadevi and Ms.A.Kamali of II B.F.Sc. won 1st, 2nd and 3rd prizes, respectively in the elocution competition.

Goodwill Gesture by Students, FCRI, Thoothukudi



The third year students (2015-16 batch) of Fisheries College and Research Institute, Thoothukudi, as a goodwill gesture and social responsibility, donated an idly maker to Nesakarangal Education and Charitable Trust located at Thoothukudi on 11.09.2017 in the presence of Dr. G. Sugumar, Dean. The third year students also interacted with the members and inmates of the trust and distributed sweets.

Students of FCRI, Thoothukudi won "Miss RYLA 2017" Award.

The Rotary Club of Thoothukudi conducted their annual programme on "Rotary Youth Leadership Awards 2017 (RYLA 2017)" during 16 – 17 September 2017. Forty one



students from eight colleges participated in RYLA 2017 which had the theme, "Towards Achievements". Competitions were held among the participants testing the cultural and intellectual prowess of the students. Five students from Fisheries College and Research Institute, Thoothukudi participated in RYLA 2017 and won several prizes in the competitions. Ms.K.Selvapooja Devi won the "Miss RYLA 2017" title bringing laurels to the Institute.

OUTREACH PROGRAMS

TNPU participation in "Pasumai Vikatan Agri Expo 2017"

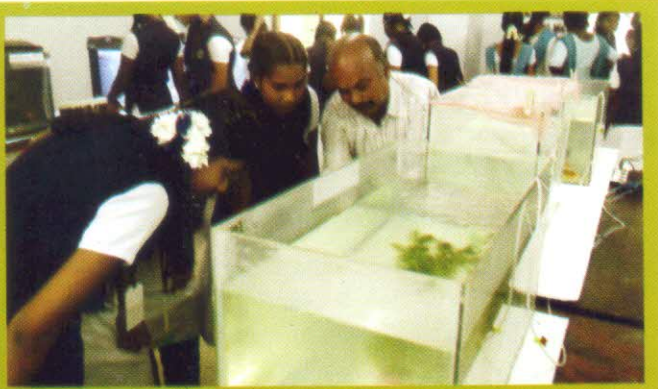
A stall was set up explaining the activities of Tamil Nadu Fisheries University towards the capacity building and



technical support of fish farmers in the Cauvery Delta Region. The TNFU research centre under the control of Directorate of Centre for Sustainable Aquaculture located at Thanjavur, Erode and Ramanthapuram contributed by setting up of plant aquarium, marine aquarium and exhibiting the charts. The farmers from Trichy, Perambalur, Ariyalur, Thiruvavur, Cuddalore, Karur, Erode, Salem and Coimbatore visited the stall and 231 farmers registered for training on freshwater fish culture. A technical team under Dr.J.Stephen Sampath Kumar Director, DCESA Assistant Professors Dr.V.Senthilkumar, Dr.C.Anand, Dr.S.Aanand and Ms.T.Gowsalya contributed for the event.

Animal World Exhibition

The Women's Christian College, Nagercoil organized an Animal World Exhibition during 07.09.2017 to 09.09.2017 at their college campus. Parakkai KK Centre for Sustainable Aquaculture participated in this exhibition and displayed different varieties of ornamental fishes, wild native fishes, loaches and live feed like tubifex worm. Various digital charts on Indian major carps, Exotic carps and brochures were also exhibited for creating awareness on the important



aspects of fisheries for future protein requirements. Around 2000 school, college students and teachers visited the stall. Flyers and folders on different aspects of ornamental fish farming were distributed to the visitors. The activities of the Centre have also been explained to the visitors.

Special Lectures

- Dr. S. Balasubramanian, Dean, CoFE delivered a special lecture on 'Novel drying techniques in fish processing and preservation' in the National seminar on 'Recent advances in post harvest fisheries engineering' organized by Central Institute of Fisheries Technology, Kochi on 23.09.2017.
- Dr. K. Rathnakumar, Professor and Head, delivered a in-house seminar on 'Acts, Statutes, Rules and Regulations' on 25.09.2017. All the staff on probation period participated.
- Dr. A. Uma, Professor delivered a guest lecture and demonstrated the use of "Fish as lab animal models" in

the "certificate course on laboratory animal" conducted by TANUVAS at MVC on 22.09.2017.

TRAINING PROGRAMS

Training on Vannamei farming

A training program on Vannamei Farming was organised at Fisheries College and Research Institute, Ponneri from 20.09.2017 to 22.09.2017. Dr.B.Ahilan, Dean i/c of the institute inaugurated the training program. In addition



to class room teaching, all the participants were taken to shrimp farms located in Katoor and Elavoor regions. Ms. Agnes Daney Angela, Assistant Professor and Head, Department of Fisheries Extension of the institute coordinated and conducted training program.

Training on Ornamental Fish Farming Technology

The Parakkai KK Centre for Sustainable Aquaculture has conducted a training programme on "Ornamental fish farming technology" from 12.09.2017 to 13.09.2017. Eighteen participants from Kanyakumari district attended the training programme. Apart from lectures on ornamental fish culture technologies, hands-on training on fabrication of glass tank, breeding of ornamental fishes, preparation of feed were also demonstrated. Th. Lamek Jayakumar, Deputy Director of Fisheries distributed the certificates and books to the trainees during the valedictory session on 13.09.2017. Dr. K. Ravanewaran, Professor and Head of the centre coordinated this program.

Search In ME My house: An Engineering approach, Poster designing and certificate designing



Sixteen participants of BE (FE) students attended a one day program entitled 'My House: An Engineering approach' on 03.09.2017. It covered the various architectural design and planning aspects of the building. The event was organized by Dr.S.Balasubramanian, Er. R. Regupathi and Er. S. Soundar.

Poster designing

Hands-on training for Poster designing was organized on 06th September 2017 at the CoFE. The training is about poster designing in Adobe Photoshop. Eighteen students of BE (FE) attended poster designing training. The event was coordinated by Er. C. Mercy Amrita, Assistant Professor.

Certificate designing

Hands-on training for Certificate designing was organized on 13th September 2017 at CoFE. The training is about certificate designing in Adobe Photoshop. The session included step by step tutorials on certificate design with the size, resolution, borders for certificate templates, layering section, content filling and background. Twelve participants of BE (FE) students attended this training. The event was coordinated by Er.C.Mercy Amrita, Assistant Professor.

TNFUA, Chennai

Faculty Development Training Programme

Tamil Nadu Fisheries University Academy conducted Faculty development training programme at Fisheries

College and Research Institute, Thoothukudi on 14.09.2017 and 15.09.2017. Dr. G. Sugumar, Dean, Fisheries College and Research Institute, Thoothukudi and Dr. S. Senthiladeban, Director, TNFUA, Chennai inaugurated the training program. The Human Resources trainers Mr.Ravindhran and Mr. Alagappan delivered guest lectures on "Leadership team building and emotional maturity" for the Professors of TNFU on 14.09.2017 and on the topic "Teaching skills, goal setting and relationship building" for the Assistant Professors of TNFU on 15.09.2017. A total of 34 faculty staff including 15 Professors attended program.

Dr. K. Venkataraman (Former Director) from ZSI, Chennai delivered a guest lecture on the various aspects of "Marine biodiversity resource in India", on 21.09.2017 at the TNFUA, Chennai to the in-service trainees from the State Fisheries Department.

In - service training field visit

Regular in-service trainees of TNFUA (both one year and 6 month batches) were taken to Chembapakkam on field visit to see the farming activities and "Breeding protocol of magur (*C. batracus*)" in a unit maintained by the State Fisheries Department.

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