TAMIL NADU Dr. J. JAYALALITHAA
FISHERIES UNIVERSITY



# TNFU NEWS LETTER

Vol. 05 No. 04 APRIL 2018

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



I am very happy to share that the Govt. of Tamil Nadu has accorded sanction for the establishment of "Deep-sea Fishing Technology Training and Management Centres at Thoothukudi and Thoothoor" at a total cost of Rs. 3.82 cr. during April 2018. These centres will provide the right type of training to the fisher folk on safe deep-sea fishing technologies which is the need of the hour for the conservation of the fishery resources in the near shore waters and to utilize the unexploited fishery resources in the open seas. I profusely thank the Hon'ble Minister for Fisheries and the Principal Secretary, AHD&F Dept., Govt. of Tamil Nadu for helping us to grow and spread our wings in the various domains in Tamil Nadu Fisheries.

During my visit to Taiwan to attend the "Annual Conference of the Asian Pacific Aquaculture'18", I held discussions with Dr. Ching Fong Chang, President, National Taiwan Ocean University about collaborative works in research and education and other exchange programs. Soon we will get one more partner institute to collaborate with.

I share with great joy and pleasure that I sworn in as the new president of the World Aquaculture Society's Asia Pacific Chapter on 25th April, 2018 in Taiwan. I feel privileged to take up this new responsibility and I am looking forward to serve the fisheries fraternity for further development of fisheries in this region.

The ICAR-KVK at Sikkal, Nagapattinam district came under the umbrella of TNJFU with effect from 01.04.2018. New facilities like aquaponics and integrated farming system will be created here to promote aquaculture along with agriculture in Nagapattinam district. I profusely thank Dr. K. Ramasamy, Vice-Chancellor, TNAU for his generosity in transferring the KVK from TNAU to the TNJFU.

Prof. S. Felix

Vice - Chancellor

Prof. S. Felix meets Mr. Ching Fong, President of National Taiwan Ocean University...



During his visit to Taiwan to attend the Annual Conference of Asian Pacific Aquaculture'18, Prof. S. Felix , Vice-Chancellor had talks with Dr. Ching Fong Chang, President, National Taiwan Ocean University on 24.04.18. During the deliberations, they discussed about signing MoU between the TNJFU and the Ocean University which entails collaboration on areas of research, education and other exchange programs. The Vice-Chancellor's strenuous efforts in inviting many start-ups for the university may grow and grow forever.

### Vice-Chancellor's meeting with the Director – General, Taipei Economic and Cultural Centre



Prof.S.Felix, Vice-Chancellor held a substantive talk with Charles C. Li, Director-General, Taipei Economic and Cultural Center at his office at Chennai on 07.04.18. During his formal talk with the Director General, the Vice-Chancellor's focus was mainly on collaboration between the TNJFU and Taiwan Universities in the areas of education, research and trade in fisheries and possible pacts which could bring mutual benefit in improving the fisheries education and fish production.

Both of them encouraged greater efforts for cooperation in fisheries sector.

# Vice-Chancellor, TNJFU attends Stakeholders Meet with Officials from GoI, New Delhi & Principal Secretary, AHD&F

Dr. S. Felix, Vice-Chancellor accompanied by higher officials from the Government of India, New Delhi attended a stakeholders meet organized by the Tamil Nadu State Department of Fisheries for the fishermen of Ramanathapuram District with the theme of 'Subsidy schemes



for Deep Sea Fishing in Tamil Nadu' at the CMFRI, Mandapam on 16.04.18. Dr.K. Gopal, Principal Secretary, AHD&F and Dr. G.S. Sameeran, I.A.S., Director of Fisheries also attended the meeting.

### Site inspection by the Vice-Chancellor in Tiruvannamalai Dist.

Prof. S. Felix, Vice-Chancellor, TNJFU visited a few sites in Tiruvannamalai District on 05.04.2018 for the establishment of a new Fisheries Training Centre (FTC) in the district. Revenue Divisional Officer, Tiruvannamalai Revenue Officials from Thandarampattu and Chengam Taluks of the district accompanied the Vice-Chancellor. A site at Nandhimangalam Village, Chengam Taluk was selected for the establishment of FTC. Later, the Vice-Chancellor met the District Collector, Tiruvannamalai District and thanked for all the support extended by the District administration in this regard. Dr.M.Nagoor Meeran, Director of Extension Education co-ordinated this program.



Vice-Chancellor's visit to IIFPT, Thanjavur

Prof. S. Felix, Vice-Chancellor, TNJFU visited the Indian Institute of Food Processing Technology (IIFPT), Thanjavur or 12.04.2018. Dr.C.Anandharamakrishnan, Director, MOFPI-IIFPT, Thanjavur and Heads of the Department of the institute welcomed the Vice Chancellor. The Director briefed the Vice-Chancellor about the establishment of IIFPT and its achievements in research, outreach and incubation in food processing technology. Then the TNJFU team was taken around the Institute to visit the laboratory facilities in the



institute including FSSAI accredited Food Quality Referral Laboratory, Incubation Centre, Mobile Food Quality Control Laboratory and the academic block. Dr.J.Stephen Sampath Kumar, Director, DCeSA and Dr.V.Senthilkumar, Assistant Professor and Head i/c, TCeSA accompanied the Vice - Chancellor during this visit.

#### Vice-Chancellor's visit to RCeSA

Prof. S.Felix, Vice-Chancellor visited the Ramanathapuram CeSA on 16.04.2018 to review the ongoing activities of the centre and at the Ariyaman site where the proposed building of the Directorate of Vocational Training & Incubation in Fisheries (DVIF) is going to be constructed.



### Vice-Chancellor's keynote address at APA'18 in Taiwan...

Prof. S. Felix, Vice-Chancellor, TNJFU as a President elect' Asian Pacific Chapter of the World Aquaculture Society, delivered the keynote address on the topic "Need of Enzymes in Aqua Feed and Nutrition' in the "Asia Pacific Aquaculture '18" held at the International Convention Centre, Taiwan on 24.04.2018.

### TNJFU took charge of ICAR-KVK, Sikkal

The ICAR-KVK at Sikkal, Nagapattinam district, hitherto functioning under the control of the Tamil Nadu Agricultural University, was transferred to the TNJFU with effect from 01.04.2018. Earlier the ICAR, New Delhi issued orders during November 2017 for this transfer. This KVK would continue to serve the farming community of the Nagapattinam district as per the mandates. New integrated farming models will be created additionally in the KVK to promote integrated farming system in the district which holds promise for improving farmers income in the region.

### Annual Plan workshop for KVKs in Tamil Nadu

Annual Plan workshop for the KVKs functioning in Tamil Nadu was conducted at the Horticultural Research Station,

TNAU, Kodaikanal during 20-21 April, 2018. Dr. Y.G. Prasad, Director, Agricultural Technology Application Research Institute (ATARI), Zone X, Hyderabad chaired the workshop. Dr. M. Nagoor Meeran, Director of Extension Education,



TNJFU and Dr. R. Santhakumar, Programme Co-ordinator, KVK, Sikkal attended the meeting. In this meeting, Dr. M. Nagoor Meeran presented the Action Plan for KVK, Sikkal for the year 2018-19.

### Peer-Review of Project proposals

The Project proposals for External Funding was reviewed by Dr.G.Jeyasekaran, Director of Researchi/c., and 3Ps Committee on 26.04.2018 at TNFUA, Madhavaram. The Dean and six Assistant Professors of TN Dr.MGR FCRI, Ponneri presented their proposals. The 3 Ps Montoring cell Committee members critically evaluated the proposals and offered suggestions and modifications for furtherance

#### New schemes sanctioned

As per the GO (MS) No. 80 dated 25.04.2018 of the Dept. of Animal Husbandry, Dairying and Fisheries (FS4) Dept., Govt. of Tamil Nadu administrative and financial sanctions were accorded for the "Establishment of Deep sea Fishing Technology Training and Management Centre at Thoothukudi and Thoothoor" at a total cost of Rs.3.82 cr. The proposed centre at Thoothukudi would offer one – week shore training on deep sea fishing, sea safety and engine maintenance and onboard fish handling to the selected 240 fishermen from various coastal districts. The proposed Thoothoor Centre in Kanyakumari district would conduct training programs on deep sea fishing methods which would pave way for eliminating errors being committed by the local fishermen there.

### **HONOURS**

### Prof. S. Felix, new President of WAS APC... a great moment for TNJFU to relish!!

Prof. S. Felix, Vice-Chancellor, TNJFU sworn in as the new President of World Aquaculture Society's Asian Pacific Chapter at a grand ceremony in Taiwan on 25th April 2018 after winning the presidential election last year. With a massive support from various scholars, scientists and academicians across the world he has reached this position. The Vice-Chancellor while attending the Annual Board Meeting with the outgoing President Dr. Guillaume Drillet and the Board Members, took charge as the new President. The Vice-



chancellor thanked the people who voted him to become the President of the society. "It was a great moment for me and my country, I am completely humbled by the responsibility and looking forward to serve the fisheries fraternity and getting to work right away", Dr.Prof. S. Felix said. The Vice-Chancellor also thanked the outgoing President for his efforts during his tenure. Prof. S. Felix is the first person from India to reach this prestigious position.

### TNJFU presents its Best UO for the quarter award (2018)

Prof. S. Felix, Vice-Chancellor presented the Best University Officer for the first quarter (Jan.-March 2018) award to Dr. G. Jeyasekaran, Director of Research i/c.



Dr.G.Jeyasekaran was recognized for his proactive long term efforts and commitment to research which is essential for generating knowledge and tangible benefit for students and the public through various state and central government schemes. The Vice-Chancellor also lauded Dr.Jeyasekaran's contributions in bringing up new collaborations and signing of MoUs for the development of the university.

### STUDENTS CORNER

### I. FCRI, Thoothukudi

#### Campus placement drive

Mrs.S.R.Poornima, Technical Acquisition Manager, and Mr.Pradeepkumar, Assistant Technical Acquisition Manager, CP Aqua conducted personal interview at the FCRI, Thoothukudi on 9th April, 2018 to recruit suitable candidates for jobs related to shrimp/fish farming in CP Aquaculture (India) Private Ltd., Chennai. A total of 32 students which includes 21 UG and 11 PG students attended the first level campus interview and 22 among them were shortlisted for the next level screening. This campus interview program was coordinated by Student Placement and Counseling cell (SPC), FCRI, Thoothukudi.

#### Students interaction with Dr.C.Sylendra Babu, IPS

Dr.C.Sylendra Babu, IPS, Additional Director General of Police, Railways visited the FCRI, Thoothukudi on 12.04.2018 and held an interactive motivational session with the students of the institute. His address not only motivated the students for joining Indian civil service but also emphasized how science could transform the lives of the human beings. He advised the students to be curious to reason out everything scientifically. He also stressed the need to be physically fit to achieve greater heights in life. The students were thrilled by the way he handled the entire session. Dr.G.Sugumar, Dean spoke about how students could learn the level of commitment for achieving glory from the ADGP. Earlier Dr.S.Athithan, Vice-President, Students' Association welcomed the gathering while Mr.P.Subash, General Secretary proposed the vote of



thanks. The program was organized by the Students' Association of the institute.

### Personality development training program

A personality development program on "Ignite young minds" was organized for the I B.F.Sc., students of the institutes during 25.04.2018 - 26.04.2018 at the FCRI, Thoothukudi. Mrs. S. Radha, CEO, M/s. Smart Series, Bengaluru was the trainer of the program. Dr.G.Sugumar, Dean of the Institute delivered the valedictory address. Speaking on the occasion, he said that besides class room



learning, additional skill training, especially in understanding one's own potential, is essential to be successful in life. A total of 61 students participated in the training. Dr.S.Athithan, Student's Coordinator (2017-18 batch) organised this program.

### Students of FCRI, Thoothukudi won Overall Championship in "COFIESTA 2K18"

The College of Fisheries Engineering, Nagapattinam organized "COFIESTA 2K18", an inter college culturals and quiz competition on 27.04.2018 at Nagapattinam. A total of seven colleges participated in the competition. On behalf of FCRI, Thoothukudi 16 (9 Boys and 7 Girls) students participated in this competition and these students took part in all the events such as quiz, pot painting, mime, ad-mad, photography, dance, etc.,. The FCRI, Thoothukudi team won the Overall Championship of "COFIESTA 2K18". Dr.G.Sugumar, Dean appreciated the students for their performance.

### II. Tamil Nadu Dr. MGR FCRI, Ponneri Hostel Day Celebrations

The fourth hostel day celebration was held on 25.04.2018. Dr. B. Ahilan, Dean i/c of the institute presided over the celebrations. Dr.N. Jayakumar, Warden welcomed the gathering which was followed by the presidential address by the Dean. The Warden and the Deputy Wardens were then felicitated by the Dean and their efforts in the hostel management was acknowledged. On the occasion of the Hostel Day, several cultural events and fun games were conducted and the students actively participated in these events. Mr. G. Sathish Kumar, Hostel Secretary proposed the vote of thanks.

### 'World Book Day' celebration

The 'World Book Day' was celebrated at the TN Dr.MGR FCRI, Ponneri on 23.04.2018 with Fisheries and books-based quiz, connections, spell bee and tongue twisters. On this occasion, Dr.B.Ahilan, Dean i/c., delivered a talk on the importance of books in people's life and awarded prizes to the winners of the events conducted. Dr.Cheryl Antony, Vice President, Students Association coordinated the events.

#### Tree plantation

As a part of the Eco club activity, tree plantation was done in the main campus of TN Dr.MGR FCRI, Ponneri on 18.04.2018. All staff and students were present on the occasion. Mr.M.Kalaiarasan, NSS Co-ordinator made arrangements for the tree plantation program.

### Demonstration on Manual microbiological identification tool (Api)

Two-day demonstration program on 'Manual microbiological identification tool (Api)' was delivered by

M/s. Biomerieux India Private Limited, New Delhi to II (2016-17 batch) and III (2015-16 batch) year students in connection with the courses viz., Microbiology of Fish and Fishery Products and Fish Quality Assurance, respectively during 26.04.18 – 27.04.18 at the TN Dr.MGR FCRI, Ponneri. On 26.04.18, presentations regarding corporate and APi were given. This program was coordinated by the Department of Fish Processing Technology of the institute.

### III. College of Fisheries Engineering, Nagapattinam Tree Plantation at CoFE campus

As a part of NSS activities in the College of Fisheries Engineering, Nagapattinam, a tree plantation program was organized on 04.04.2018. Dr. S. Balasubramanian, Dean inaugurated the event and emphasized the importance of



trees. Mr. Muthamil Anandan, Nagapattinam District Coordinator for National Green Corps, Mr. Senguttuvan, President of JCI, Nagapattinam, Dr. Kamaraj, Asst. Professor, TNAU were the guests to this event. All the students and faculty members of the college participated and planted trees. The event was organized by NSS Program Officers Dr. D. Kesavan and Dr. M. Ramar.

#### College Day celebrations

College day of the College of Fisheries Engineering, Nagapattinam was celebrated on 11.04.2018 Prof. S. Felix, Vice-Chancellor, TNJFU was the Chief Guest of the function. In his chief guest address, he emphasized the role of BE (Fisheries Engineering) students in the development of



fisheries activities in Tamil Nadu. He encouraged the students to visit constituent colleges and research stations of TNJFU, processing industries and aquaculture farms to increase their practical exposure. He advised the students to initiate E-newsletter / magazine / web design from students association. Dr. S. Balasubramanian, Dean and President of Students' Association, CoFE presided over the function. Dr. K. Rathnakumar, Vice President of the Students' Association presented the annual report of student activities for 2017-18. The Vice-Chancellor distributed the prizes and certificates to the winners of various events. Following this program, cultural events were performed by the students. Conduct of the event was coordinated by Dr. K. Rathnakumar.

#### CoFIESTA-2K18

A one-day inter-collegiate cultural and technical fests "CoFIESTA-2K18" was organized at the CoFE, Nagapattinam on 27.04.2017. Dr. S. Suresh Kumar, IAS, District Collector,



Nagapattinam was the chief guest for this program. The Chief Guest congratulated the college authorities for organizing such a mega event, which involved participants from various colleges. He encouraged the fisheries engineering graduates to help fisheries sector through technological innovations. The function was presided over by Dr. S. Balasubramanian, Dean and President of Students' Association. In his presidential address, he highlighted the role of Students' Association. During the program, various events were held at different venues at the college premises simultaneously. More than 200 registered participants from various colleges participated in this program. The chief guest, Dr. S. Suresh Kumar, IAS, distributed the prizes and certificates to the winners. The Overall Rolling Trophy (First Prize) for cultural and quiz program was won by the Fisheries College & Research Institute, Thoothukudi. The program ended with vote thanks by Mr. K. Madhan, III year, Science Club Secretary. The overall CoFIESTA-2K18 program was coordinated by Dr. K. Rathnakumar, Vice President of Students' Association.

### IV. Dr.MGR FCRI, Thalainayeru Students participation in CoFIESTA 2K18

The I B.F.Sc., students of Dr. MGR FCRI, Thalainayeru won overall runner-up in the CoFIESTA 2K18 conducted at CoFE, Nagapattinam on 27.04.2018. Ms. P. Rekha won the first prize in pot painting; Ms. A. S. Anish and Ms. T. Pragathi won the first prize in veg fruit carving; FCRI, Thalainayeru students team also won first prize in ad-mad and short film. Mr. E. Inpent Campal won the second prize in mono act; Mr. D. Venkateshwara won the second prize in solo dance (classical); Mr. S. A. Raj Vasanth won the second prize in three minute talent. The students also won the third prize in Quiz; Mime, Rangoli, Wealth from waste, Solo dance (free-style), Group dance and Cooking without fire. Dr. A. Mathivanan and Ms. S. Archana, Teaching Assistants coordinated the students participation in the events. Dr. B. Sundaramoorthy, Dean i/c, Dr. MGR FCRI, Thalainayeru appreciated the prize winners.

### **OUTREACH PROGRAMS**

### I. FCRI, Thoothukudi

### NFDB-sponsored three-day skill development program

A three-day training program on "Empowerment of SHG fisherwomen in freshwater ornamental fish business initiatives" was organized by the Dept. of Fisheries Extension, Economics and Statistics, FCRI, Thoothukudi from 18.04.2018 to 20.04.2018. The National Fisheries Development Board (NFDB), Hyderabad provided funding support for this



program. A total of 50 SHG fisherwomen attended the training. The training gave the participants a better understanding in taking up the ornamental fish business as a successful startup. During the valedictory program, Dr.G.Sugumar, Dean distributed certificates to the participants and spoke on the importance of this training program to motivate the participants to take up ornamental fish culture to improve their financial status. Mrs.T.Umamaheswari, Assistant Professor of this department coordinated the above training program.



### Training program on "Entrepreneur skill development in fish processing sector"

A training program on "Entrepreneur skill development in fish processing sector" was organized by the Department of Fish Processing Technology, FCRI, Thoothukudi on 27.04.2018. The trainees from Kanyakumari and Thoothukudi districts participated. In this program, scope for fish business, skills involved in various fish processing techniques, marketing strategies and economic analysis were taught to the trainees. Dr.G.Sugumar, Dean distributed the certificates to the trainees and spoke on the importance of this training program to



motivate the participants to take up fisheries business ventures to improve their financial status. Dr.P.Velayutham, Professor and Head and Mr.F.Parthiban, Assistant Professor, Dept. of Fish Processing Technology made all arrangements for this training program.

### II.TN Dr.MGR FCRI, Ponneri Distance Education Program - Contact class

Contact classes for the Distance Education Course on "Freshwater fish farming" which was conducted during December 2017 to March 2018, were held on 11.04.2018 and 12.04.2018 at the TN Dr.MGR FCRI, Ponneri. A total of nine registered participants from various districts of Tamil Nadu attended the contact classes. The Distance Education course was coordinated by Ms.S.Agnes Daney Angela, Assistant Professor, Department of Fisheries Extension, Economics and Statistics

### Training and Demonstration of Pearl spot breeding and seed production at PRFF, Pazhaverkadu

A three-day training program on "Pearl spot breeding and seed production" was conducted by the TN Dr.MGR FCRI, Ponneri with NFDB funding at Pulicat Research Farm Facility (PRFF), Pazhaverkadu from 18.04.18 to 20.04.18. In total, 50 participants attended the training program. Dr. B. Ahilan, Dean i/c., inaugurated the training Various topics relevant to pearl spot breeding were dealt in detail including demonstration of cage designing, fabrication, induced breeding of species etc. Field visits to have an exposure about the pros and cons associated to pearl spot farming were also

arranged as a part of the training program. During valediction, the Dean distributed the certificates and manuals to the participants.

#### Farm School on AIR

TN Dr.MGR, FCRI, Ponneri will conduct a Farm School on All India Radio(AIR) program on "Vannamei Shrimp Farming" in collaboration with the AIR station, Chennai during May- July 2018. The various aspects of vannamei shrimp farming starting from pond preparation to do's and don'ts in vannamei farming will be dealt by the individual experts of the institute.

### III. CoFE, Nagapattinam Workshop on 'Essential statistics for data analysis'

A one-day workshop on 'Essential statistics for data analysis' was organized at the College of Fisheries Engineering, Nagapattinam on 25.04.2018. Dr. S. Balasubramanian, Dean, CoFE inaugurated and



delivered a lecture on basic concepts of statistics and its applications. Dr. M. Kamalakannan delivered a lecture on different statistical tools, essential data analysis and interpretation of statistical models with real time problems, explained through hands-on session. Fifteen participants attended the program. This workshop activities were coordinated by Dr. M. Kamalakannan, Assistant Professor (Mathematics) and Mr. R. Palani, Teaching Assistant (Mathematics).

### Training program on "Value added fish products"

College of Fisheries Engineering, TNJFU, Nagpattinam organized a two- day training program entitled 'Production of value added fish products, marketing strategies and entrepreneurship development' during 4-5 April, 2018. In this program, the fisher women were trained to prepare the various value-added fish products. In the valedictory session, Dr. S. Balasubramanian emphasized the fisher women to start up the value added fish products business and distributed the certificates. The program was organized by Dr.N.Manimehalai, Associate Professor, Dr.P.Karthickumar and Dr.R.Brimapureeswaran, Assistant Professors.

#### Overseas visitors

About 20 Executives from countries such as Kenya, Liberia, Malawi, Mozambique, Myanmar and Uganda and two staff from IIFPT, Thanjavur were on exposure visit to Metro Fish Processing Facility of the CoFE on 21.04.2018. In this program, various fish processing equipments of Metro Fish Processing Facility and processing methods were explained



and demonstrated by metro incubates. The program was coordinated by Dr. R. Brimapureeswaran, Assistant Professor, Department of Fish Process Engineering.

### IV.Directorate of Centre for Sustainable Aquaculture i.KKPCeSA

### Training Programme on "Freshwater ornamental fish farming"

Kanyakumari Parakkai Centre for Sustainable Aquaculture, Parakkai conducted a three-day training program on "Freshwater ornamental fish farming technology", funded by the National Fisheries Development Board, Hyderabad from 17.04.2018 to 19.04.2018. A total of 50

participants, including 33 women, attended the program. Lecture sessions and demonstration sessions were conducted on the various ornamental fish culture technologies in the program. Dr. C.Anand, Asst. Professor and Head i/c, RCeSA and local entrepreneurs were invited to deliver guest lectures. During the valedictory session, a training manual on "Freshwater ornamental fish farming technology "in Tamil and participation certificate were distributed to the trainees. Dr.K.Ravaneswaran, Prof. and Head of the Centre coordinated the proceedings of the entire program.

#### ii. KKGCeSA

### Training on "Water quality management in shrimp farming"

A one - day paid training program on "Water quality management in shrimp farming" was conducted at the Kanyakumari Ganapathipuram Centre for Sustainable Aquaculture on April 12, 2018. Mr. Anix Vivek Santhiya, Assiatant Professor, KKGCeSA delivered a lecture on the importance of water quality for aquaculture in the morning session and demonstrated the measurement and analysis of important parameters in water samples during the practical class in the afternoon session. Ten farmers attended this training.

#### iii. ECeSA

### Training program on 'Freshwater ornamental fish farming technology'

A three-day training program on 'Freshwater ornamental fish farming technology', was organized at the Erode Centre for Sustainable Aquaculture, Bhavanisagar, during 17th to 19th April 2018. Fifty participants, comprising 36 men and 14 women, participated in the program.

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