



TNFU NEWSLETTER

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



We conducted the National Workshop on *Development of Ecologically Sustainable Fisheries Management Plan for the Pulicat Lake (FMPP'19)* on 01.02.2019 at the Dr. M.G.R F.C & R.I., Ponneri. Dr. T. Balasubramanian, Vice-Chancellor, Chettinad Academy of Research and Education inaugurated it. I presided over the Workshop and made a presentation on "TNJFU's Frontier Research on the Eco-restoration of Pulicat Lake".

The Fifth Convocation of our University was held at Nagapattinam on 08.02.2019 in the gracious presence of Hon'ble Governor of Tamil Nadu and the Chancellor of the university, **Thiru. Banwarilal Purohit**. The Chief Guest of the day, **Dr. M. Vijay Gupta**, World Food Prize Laureate, delivered the convocation address. A total of 63 graduates were conferred with the degrees 'in-person' which included 4 Ph.D., 11 Master of Fisheries Science and 48 Bachelor of Fisheries Science degrees. The Chancellor presented 37 medals for academic excellence and performance to the meritorious students.

We conducted the All India Training and demonstration Programme on "*Healthy Shrimp and GIFT Tilapia culture using Biofloc Technology*" in Mahova, Gujarat in collaboration with Junagadh Agriculture University at its Fisheries Research and Training Center during February 14-16th 2019.

We conducted the same Training and Demonstration Programme in collaboration with Sri Venkateswara Veterinary University, Andhra Pradesh at its Fisheries Research Station, Undi during February 21-23rd 2019.

The National Fisheries Development Board sanctioned three AQUA ONE CENTRES to the TNJFU at Thanjavur Centre for Sustainable Aquaculture, Parakkai Centre for Sustainable Aquaculture and Erode Bhavanisagar Centre for Sustainable Aquaculture. The Aqua One Centres will be established at a cost of Rs. 20 lakhs each.

Prof. S. Felix
Vice-Chancellor

VC EVENTS

Attended a National Workshop on Development of Ecologically Sustainable Fisheries Management Plan for Pulicat Lake (FMPP'19) on 01.02.2019

The National Workshop on *Development of Ecologically Sustainable Fisheries Management Plan for Pulicat Lake (FMPP'19)*



was inaugurated by the Dr. T. Balasubramanian, Vice-Chancellor, Chettinad Academy of Research and Education in the presence of Prof. S. Felix, Vice-chancellor, Tamil Nadu Dr. J. Jayalalithaa Fisheries University (TNJFU) and other delegates by lighting the traditional lamp on 01.02.2019 at the Dr.M.G.R FC&RI, Ponneri. Dr. B. Ahilan, Dean and Convener of the FMPP'19 welcomed the gathering. A Compendium of the workshop was released by the Vice-Chancellor, TNJFU and the first copy was received by Dr. T. Balasubramanian, the chief guest of the programme. Dr. T. Balasubramanian appreciated the Vice Chancellor, TNJFU and team for bringing the ecological management of the lake to limelight which is need of the hour. Technical sessions began with presentation by Prof. S. Felix, Vice-Chancellor, TNJFU on "TNJFU's Frontier Research on the Eco-restoration of Pulicat Lake". Eight presentations on various aspects of development of ecologically sustainable fisheries management plan for Pulicat lake were made. About 100 participants along with the faculty and students of the college participated. The workshop concluded with vote of thanks proposed by Dr. A. Manikandavelu, Professor & Head, DAEM.

5th Convocation at TNJFU, Nagapattinam on 08.02.2019

The Fifth Convocation of the Tamil Nadu Dr. J. Jayalalithaa Fisheries University, was held at its administrative Headquarters in Nagapattinam on 08.02.2019 in the gracious



presence of Hon'ble Governor of Tamil Nadu and the Chancellor of the university, Thiru. Banwarilal Purohit.

Prof. S. Felix, Vice-Chancellor of the university welcomed the gathering and presented the report of the university. The Chief Guest of the day, Dr. M. Vijay Gupta, World Food Prize Laureate, delivered the convocation address. Dr.K. Gopal, IAS, Principal Secretary to Government, Department of Animal Husbandry, Dairying and Fisheries announced four new endowment awards in addition to the existing 37 awards for academic excellence in Fisheries Science.



A total of 63 graduates were conferred with the degrees 'in-person' which includes 4 Ph.D., 11 Master of Fisheries Science and 48 Bachelor of Fisheries Science degrees.

The Chancellor presented overall 37 medals for academic excellence and performance to the students. Thiru. G. Viswanth bagged the maximum number of Seven medals for his excellence in the B.F.Sc, study.

TNJFU hosted All India Training and Demonstration Programmed on "Healthy Shrimp and GIFT Tilapia culture using biofloc Technology" in Gujarat on 14-16.02.2019

The TNJFU Conducted All India Training and demonstration Programme on "Healthy Shrimp and GIFT Tilapia culture using Biofloc Technology" in Mahova, Gujarat.



The TNJFU in collaboration with Junagadh Agriculture University organized this training programme at its Fisheries Research and Training Center from February 14-16th 2019.



Around 50 progressive farmers were selected for this training programme for the dissemination of biofloc-technology in shrimp and fish farming. Dr.A.Y.Desai, Principal and Dean of the College of Fisheries, Veravel felicitated the Hon'ble Vice-Chancellor, Prof. S. Felix during the inauguration. The technical lead presentation on biofloc technology and its transformation in aquaculture was presented by Prof. S. Felix. He thanked the National Fisheries Development Board for its support in disseminating biofloc technology across the country.

The TNFJU in collaboration with Sri Venkateswara Veterinary University organized this training programme at its Fisheries Research Station, Undi from February 21-23rd 2019. Around 50 progressive farmers were selected for this training programme for the dissemination of biofloc technology in shrimp and fish farming. Dr. T. Sugana, Principal Scientist and Board Member, felicitated the Hon'ble Vice-Chancellor, Prof. S. Felix during the inauguration. The technical lead presentation on biofloc technology and its transformation in aquaculture was presented by Prof. S. Felix and thanked National Fisheries Development board for its funding support.



BSMA meeting held at CIFE, Mumbai

The BSMA – 2019 meeting was organised at the CIFE Mumbai on 18th & 19th February 2019 to revise the M.F.Sc & Ph.D syllabi and the education pattern of fisheries science programmes in the country under the Chairmanship of Dr. S. Felix, Vice-Chancellor, Tamil Nadu Dr. J. Jayalalithaa Fisheries University Nagapattinam who presided over the meeting. Dr. Gopalakrishna, Vice-Chancellor CIFE and Dr. Venkateshwarlu, Assistant Director General, ICAR, facilitated. Dr. Sahu, Dean (Academics), CIFE & Convenor, BSMA meeting organised the meeting.

Totally 11 sub committees headed by senior faculties in many subject areas from different institutions contributed to revised the syllabus in accordance with current trends in fisheries. Dr.S.Felix, Chairman BSMA, stated that the next meeting of the BSMA Committee will be held in March 2019 for midterm review at Chennai.

DIRECTORATES

Tamil Nadu Dr. J. Jayalalithaa Fisheries University Academy Visit to Kolavai Lake, Chengalpattu

Regular in-service trainees were taken to Kolavai Lake, Chengalpattu on 22/02/2019 for observing rearing activities of Indian Major Carps, GIFT Tilapia, and Pangassius. The breeding and seed rearing of IMC, water quality parameters



and its management, transportation of seeds to various places, disease management aspects were explained to the trainees. Totally thirteen trainees (Sub-Inspector of Fisheries) attended the programme.

Guest lecture

- A guest lecture was given by Thiru. K. Krishnakumar, Joint Secretary to Govt (Retd), P&AR Dept, on the topic of "Tamil Nadu Govt Employees rules and regulations" and "Disciplinary Proceedings" on 05.02.2019.
- A guest lecture on "Right to Information (RTI) Act" on 05.02.2019 was given by Thiru. K. Krishnakumar, Joint Secretary to Govt (Retd), P&AR Dept.

DIRECTORATE OF SUSTAINABLE AQUACULTURE

AQUA ONE CENTRE – NFDB SCHEME

The National Fisheries Development Board sanctioned three AQUA ONE CENTRES to the TNFJU which will be established at Thanjavur Centre for Sustainable Aquaculture, Parakkai Centre for Sustainable Aquaculture and Erode Bhavanisagar Centre for Sustainable Aquaculture. The Aqua One Centres will be established with a cost of Rs. 20 lakhs each.

Thanjavur Centre for Sustainable Aquaculture

Dr. V. Senthilkumar, Assistant Professor and Head i/c, Thanjavur Centre for Sustainable Aquaculture delivered a guest lecture at the National Fisheries Development Board sponsored training on "Recirculatory Aquaculture System" for Dindigul District Farmers on 27.02.2019. Fifty trainees attended the programme. The programme was conducted for Theni District Farmers on 28.02.2019. Fifty trainees attended the programme.

Training programme on Loach Culture and Breeding Technology at KK Parakkai Centre for Sustainable Aquaculture, Parakkai

The Centre for Sustainable Aquaculture, Parakkai conducted one day training programme on **Loach Culture**



and Breeding Technology on 12.02.2019. Ten participants from different district of Tamil Nadu attended the programme. The topics on site selection, pond construction, pre stocking management, post stocking management, stocking, feeding and breeding were explained to trainees. Farmers were



exposed to field visit and demonstration on loach breeding techniques was performed. A pamphlet on **Ayirai Meenvalarppu** was distributed to the trainees along with certificates.

ICAR-KRISHI VIGYAN KENDRA NEWS Letter information for the month of February 2019 Pre Action Plan Meeting

A Pre-Action Pan meeting was conducted with Line Department Officials, Banks, NGOs and Farmers representatives from all the 11 blocks on 18.02.2019 at KVK, Sikkal, Nagapattinam. Thiru. M.Narayanasamy, Joint Director of Agriculture, Nagapattinam presided over the meeting. Thiru.N.Sampathkumar, Officer-in-charge, KVK, Sikkal,



Nagapattinam inaugurated the meeting. Dr.R.Santhakumar, Programme Coordinator, Thiru. N.Chandrakasan, Deputy Director of Agriculture, Nagapattinam explained recent scenario of Agriculture and problems in Agriculture and allied sectors. Dr.Suresh, Asst. Professor, VUTRC, Nagapattinam, Thiru. Krishnamoorthy, Deputy Director of Agriculture, Agricultural Marketing, Nagapattinam, Thiru. P.Prabhakaran, District Development Manager, NABARD, Asst. Manager, Lead District Bank, Indian Overseas Bank, Official from Forest Department, Thiru. P.Rajendran, Coordinator, SWEET, NGO, Thiru. Manokaran, CCD, NGO, Nagapattinam participated and offered their suggestions for the Annual Action plan 2019-20. Earlier, Tmt. E. Pushkala, Agricultural Officer welcomed the gathering. Tmt. R.Maheswari, Block Technology Manager, ATMA proposed vote of thanks.

Webcasting of Inauguration of Prime Minister Kisan Samman Nidhi Yojana

Webcasting of inauguration of Prime Minister Kisan Samman Nidhi Yojana was organized for farmers on 24.02.2019 at KVK, Sikkal, Nagapattinam. Dr.R.Santhakumar, Programme Coordinator, inaugurated the function. Thiru.N.Sampathkumar, Officer-in-charge, KVK, Sikkal, Nagapattinam explained the Kisan Samman Nidhi scheme. Thiru. E.Hino Fernando, Subject Matter Specialist (Fisheries



Extension) translated the Prime Ministers speech for the benefit of the farmers. Training programmes on Integrated Crop management in Pulses and Inland Composite Fish Culture Technologies were conducted during the programme. Subject Matter Specialists Dr.K.Chandrasekar (Agrl. Entomology), and Thiru.E.Hino Fernando (Fish. Extension) imparted the training programmes. Overall, 55 farmers attended the programme.

AWARDS

Student of Dr. M.G.R. FC & RI, Ponneri received DST appreciation award

Ms. Mahadevi Nagrahalli, Ph.D. Scholar (III year) of the Dr. M.G.R. Fisheries College and Research Institute, Ponneri, Tamil Nadu, received **Appreciation Award** from the



Department of Science and Technology, Govt. of India. The Award was given for her popular science story entitled “A Way Forward in Ornamental Fish Farming” which she had submitted under the Ph.D category to the AWSAR (Augmenting Writing Skill in Articulating Research) Award 2018 conducted by DST every year. Her story secured 18th rank and will be honoured by prize of ₹ 10,000/- along with Certificate of Appreciation.



Students win prizes in Chief Ministers Trophy

The Sports Development Authority of Tamil Nadu conducted Chief Minister trophy district level sports and games 2018-2019 at SDAT, district stadium, Nagapattinam on 5.2.2019 and 6.2.2019. Students of Dr. MGR Fisheries College and

Research Institute participated in the event and bagged many prizes. Selvi. S.Sakthi, I.BFSc student stood first in swimming 50 mts breast stroke. Selvi. M. Gangadevi and Selvi. K.Pugazharasi of I BFSc received second prize in 400 mts free style and third prize in 50 mts butterfly category, respectively. Dr. B. Sundaramoorthy Dean i/c and college staff congratulated the students.

COMMON PROGRAMMES / EVENTS

FIZZOREE 2019

An inter-collegiate quiz competition “FIZZOREE 2019” was conducted at Fisheries College and Research Institute, Thoothukudi on 21.02.2019. The FIZZOREE is celebrated every year at the Fisheries College and Research Institute, Thoothukudi since 1983 and the 37th edition of the quiz competition was organized by the Students’ Association this year. Ten colleges from different regions of Tamil Nadu participated in the preliminary rounds of the quiz competition, of which, six teams were selected for the final



rounds - Veterinary College and Research Institute (VC&RI) (Orathanadu, Thanjavur), Agricultural College & Research Institute (AC&RI) (Killikulam), National Engineering College (Kovilpatti), Holly cross home science College, (Thoothukudi), Mpeco Engineering College Thoothukudi and Siddha Medical College Tirunelveli.

In the highly competitive ten rounds of quiz, the Agricultural College & Research Institute (AC&RI) (Killikulam) won the Dolphinous Trophy and cash reward of Rs.3,000/-. The Veterinary College and Research Institute, Orathanadu emerged as the Runner with a cash prize of Rs.2,000 and the National Engineering College, Kovilpatti won the 3rd position with reward of Rs.1,000. Dr. B. Manivannan, Associate Professor and Head, Dept. of English, V.O.Chidambaranar College, Thoothukudi was the Quiz Master. Thiru. Sandeep Nanduri, I.A.S., District Collector, Thoothukudi District was the Chief Guest and awarded the prizes to the winners. In his address, he highlighted the need for developing the youth of Thoothukudi and how the knowledge and skill would shape up the individuals to become successful in life. Further, he stated that the students must develop soft skills, personality developments and a communication skills in life. Dr. P. Velayutham, Dean i/c, Fisheries College and Research Institute, Thoothukudi presided over the function. Dr.K. Veerabhadran, Vice-President of Students’ Association welcomed the gathering. Thiru.G. Guru Prasana, Secretary, Literary Association proposed vote of thanks.

FISFEST 2019

An intercollegiate cultural competition, the FISFEST 2019, was organised by the Literary Association of Students’ Association of Fisheries College and Research Institute, Thoothukudi on 22nd February, 2019.

Around 300 students from 13 colleges of southern districts of Tamil Nadu participated in the competition. The events of the competition included, Solo Dance – classical and Western, Solo singing, Group Dance, Folk, Rangoli, Turncoat, Paper Dressing, Chart Painting, Mime and Art from waste. The team from V.O. Chidambaram College, Thoothukudi



won the ever rolling winner’s FISFEST trophy 2019 with a prize money of Rs.5,000/-. The participants from Kamaraj College, Thoothukkudi won the runner up trophy with the prize money of Rs.3,000/-. The participants from Agricultural College and Research Institute, Killikulam won the second runner up Trophy.

Dr.P.Velayutham, Deani/c, Fisheries College and Research Institute, Thoothukudi presided over the valedictory function. Thiru.N.Joseph Ragunath, Managing Director of Danica Aqua Exports Private Limited, Vishakapatnam was the Chief Guest and distributed prizes to the winners.



Dr.K. Veerabhadran, Vice-President of Students' Association welcomed the gathering. Thiru.G. Guruprasana, Literary Secretary, Students' Associations proposed vote of thanks.

Workshop on Hygienic Production of Dry Fish

The Fisheries College and Research Institute (FC&RI), Thoothukudi, in collaboration with NET FISH –MPEDA conducted one day workshop on “**Hygienic Production of Dry fish**” on 28st February 2019. The Workshop was inaugurated by Dr. C. Veerabahu, Principal, V. O. C. college, Thoothukudi. During the inaugural function, Thiru. F. Parthiban, Assistant Professor, Department of Fish Processing Technology, FC&RI delivered welcome address. Dr. P. Velayutham, Dean i/c., Fisheries College and Research Institute, Thoothukudi presided over the function. Dr. C. Veerabahu, Principal, V. O. C. college observed out dry fish production in hygienic conditions would help to enhance the income of fisherfolk. Dr. Vinoth S Ravindran, State Co-ordinator, NET FISH-MPEDA, Thoothukudi, Thiru. Nellai Murugan, Director, (Unaided courses), V. O. C. College, Thoothukudi appreciated the effort jointly taken by FC & RI, Thoothukudi & NET FISH- MPEDA. Thiru. V. Vijayarahavan, Assistant Professor, Department of Fish Processing Technology, FC & RI delivered vote of thanks and coordinated the entire programme. A total of 45 students participated in the workshop. During the workshop hygienic production of dry fish and its packaging was demonstrated by Thiru. V. Vijayarahavan, Assistant Professor. Certificates were distributed to the participants.

Aqua Clinic and Aquapreneurship Development Programme (ACADP) inaugurated

Dr. M.G.R. Fisheries College & Research Institute, Ponneri in collaboration with National Institute of Agricultural Extension Management [MANAGE], Hyderabad organized NFDB funded national level training programme for four weeks (20th February – 22nd March, 2019) on “*Aqua Clinic and Aquapreneurship Development Programme (ACADP)*”.



Dr. B. Ahilan, Dean of the Institute inaugurated the training programme on 20.3.2019. Dr. A. Uma, Professor & Head, Department of Aquatic Animal Health Management was the guest of honour for the inauguration ceremony. Dr. C. Lloyd Chrispin, Assistant Professor, Department of Fisheries Extension, Economics and Statistics (DFEES) coordinated the training programme. Overall, 28 participants from Tamil Nadu, Andhra Pradesh, Telangana and Kerala attended the training programme.

Voters Awareness Campaign on EVM and VVPAR conducted at Dr. M.G.R. FC & RI, Ponneri

As an initiative to create awareness about Electronic Voting Machines (EVM) and Voter verifiable paper audit trail (VVPAT) among the young voters, the Thiruvallur District Administration conducted Voters Awareness Campaign



at Dr. M.G.R. Fisheries College and Research Institute on 26.02.2019. Dr.B.Ahilan, Dean of the Institute presided over the function. Tmt. Mageswari Ravikumar, I.A.S., District Collector, Thiruvallur inaugurated the awareness campaign. The District Collector interacted with students and faculty of the Institute and emphasised the responsibility of the citizens especially the young voters in enrolling themselves in the voters list as it plays prime role in voting during the elections. A team of experts from District Election Commission displayed the Electronic Voting Machine (EVM) and explained the units of EVM and their functions. Students and Faculties of the Institute were also exposed to voting procedures. Thiru. R. Velmurugan, Asst. Professor, DFTFE and NSS programme officer arrangement the event.

Institute of Fisheries Post Graduate Studies, Vaniyanchavadi, Chennai

Visit to Life Cell International PVT Ltd, Keelakottayur, Chennai



The students of first year M.F.Sc., and M.B.A along with few staffs of TNJFU-OMR Campus visited the "Life Cell International PVT Ltd" situated at Keelakottayur near Vandalur on 04.02.2019. The objective of the visit was to acquire knowledge on laboratory protocols for Umbilical Stem Cell Banking, Prenatal Screening, Genetic Testing, Genetic Counselling, New Born Screening and AmchoPlast in human beings. At the time of visit, the experts of "Life Cell" made a presentation on the benefits of stem cell in the medical research and treatment of degenerative diseases such as cancer to the students and staff.

Guest Lecture on "RNA interference"

Dr. Tirumurugan, Professor in the Dept. of Biotechnology, Tamil Nadu Veterinary and Animal Sciences University (TANUVAS) presented a guest lecture on 'RNA interference and its application on aquaculture' to the students and staff of the IFPGS, Chennai on 02.02.2019. During his lecture, he spoke on the scope of the RNA interference technology and on how it should be explored for the well-being of aquaculture industry towards prevention and management of cultivable fish diseases.



COLLEGE NEWS

District Collector, Thiruvallur visited Dr. M.G.R. FC & RI, Ponneri

Tmt. Mageswari Ravikumar, I.A.S., District Collector, Thiruvallur visited the main campus facilities of Dr. M.G.R. FC & RI, Ponneri on 26.02.19. Dr. B. Ahilan, Dean of the Institute led the Collector to various infrastructure facilities



available in the main campus of the institute. Heads of the Departments briefed her regarding ongoing research, education and extension activities in the various Departments. The District Collector appreciated the Dean and faculty for their commitment towards exercising the mandate of fisheries education activities in the District through the State-of-the-Art infrastructure facilities of the Institute.

Science Day 2019 celebration at FC&RI, Thoothukudi

The Science day 2019 was organized by the Science Club of Students' Association of Fisheries College and Research Institute, Thoothukudi on 28th February, 2019. During this occasion, Elocution and Paper collage competitions were conducted among the students. In the paper collage competition, the first prize was picked up by Thiru. Vishal



and Thiru. Kaleeswaran of 2nd B.F.Sc and the second prize was won by Thiru. P. Dheeran and Thiru. T. Paul Nathaniel of 4th B.F.Sc. In the Elocution competition, the first prize was bagged by Thiru. Nandagopal of 2nd B.F.Sc and the second prize was won by Thiru. Babu Ganesh of 4th B.F.Sc. Dr.P.Velayutham, Dean i/c., Fisheries College and Research Institute presided over the function. Dr.P.Jawahar, Professor, DBFRM, offered felicitation address. Dr.K. Veerabhadran, the Vice President of Students' Association, welcomed the gathering and Selvi. V.Subashini, the Science Club Secretary of Students' Association gave vote of thanks.

College of Fisheries Engineering – Nagapattinam Eco-Club report

The College of Fisheries Engineering organized a volunteer work, Annual Wildlife Census at Point Calimer

(Kodiyakarai) Wildlife Sanctuary. The work was conducted by Eco-club of Student's Association on 17th February 2019, it consists of 19 volunteers. The trip began at early morning 4.00 am from the campus and we reached the Forest Office at 6.00 am. After a brief lecture about Transact Line Method by the Chief Forest Officer, the volunteers divided into 15 Transacts and they were assisted with one field worker and carried required tools. The census scan was for 35 sq.km.

Approximately 500 black buck, 200 spotted deer, 150 horses, 50 wild pig and several rabbits, Jackal, monkeys, Mongoose, Igvanas were observed. The student volunteers also visited and enjoyed places like Bird Sanctuary, Ramar Patham, an Ancient Temple near Point Calimer and Thirumaraikadar Temple.



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