

UNIVERSITY

NEWSLETTER

TNJFU

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*From the Desk of
Vice-Chancellor.....*



Dear Readers,

The Education division of the Indian Council of Agricultural Research has been very active in its pursuit of bringing desirable changes in agricultural education to meet the aspirations of today's learners. The Deputy Director General (Agricultural Education) has introduced measures to make a shift from its rigid to a more flexible and learner-centric curriculum in line with NEP 2020. Also, for the first time, the Agricultural University Vice-Chancellors' conference was hosted at the Centre of the Heartfulness Education Trust (HET), Kanha Shanti Vanam located outside Hyderabad city. It is a 1400-acre campus that has transformed a barren semi-arid landscape into a lush green beautiful campus home to a diverse flora housing the World's largest Meditation Centre. It is not a religious centre but a place where human wellness is practiced through yoga, meditation and spirituality. It has all modern amenities to suit the comfort and budget of all classes.

The experiences of every Vice-Chancellor who attended the 3-day event are worth sharing with anyone who likes to live meaningfully with exuberance and calmness. At Kanha, nature exists in awe-inspiring stillness and elegance. It is a space where humankind and nature coexist in harmony; sheltered amidst the silence of trees, and surrounded by the inscriptions of sacred scriptures, Kanha Shanti Vanam nurtures oneness with self and with others. The campus offers facilities that preserve, protect and manage precious water resource in a sustainable and ingenious way. The Yatra Garden is a symbolic representation of the spiritual journey and the dense rain forest at the campus is a strong message that human will could make the impossible possible. I urge our students and staff to visit Heartfulness Centre to admire the beauty of nature and tranquillity.

HET has expanded its mission with the objective of conducting programs inter alia in various Universities, colleges, and schools in the fields of Socio-emotional learning and life skills, wellness, leadership mastery and research to establish a scientific correlation between meditation and various physiological factors associated with holistic wellness enhancement in human beings. The ICAR has entered into an MoU with the HET to collaborate with ICAR-approved institutes in providing internship programs for students, faculty, senior academic leaders, counsellors and university administrative staff. As per the terms of the MoU, all such programs will be jointly certified by ICAR, HET and the institutes. As applicable, the students will be eligible for the credits in accordance with ICAR norms. Although several foundation and advanced modules are available, subject-specific modules to suit the needs of students and staff can be formulated to reap maximum benefits. Research collaboration in tissue culture, organic and natural farming is a possibility at the Heartfulness Campus. Several Agricultural Universities have already explored the MoU for wellness and mindful learning to give their students the expected life skills. We shall pursue the MoU signed between the ICAR and HET to give our staff and students an experience of heartfulness at the HET campus.

Dr. G. Sugumar, Ph.D.,
Vice-Chancellor

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VC EVENTS

New Buildings Inaugurated by the Hon'ble Chief Minister

The Hon'ble Chief Minister of Tamil Nadu inaugurated the teaching and non-teaching staff quarters at Dr.M.G.R. Fisheries College and Research Institute, Thalainayeru and the first floor of the academic block of the College of Fisheries Engineering, Nagapattinam of Tamil Nadu Dr. J. Jayalalithaa Fisheries University through Video Conferencing on 20.10.2022. The Respected Vice-Chancellor participated in this programme along with the Hon'ble Minister of Fisheries and Fishermen Welfare, Chief Secretary to Government, Principal Secretary to Government, Animal Husbandry, Dairying, Fisheries and Fishermen Welfare Department and the Commissioner of Fisheries, Fisheries and Fishermen Welfare Department.

**Visit to ASRB, New Delhi:**

The Hon'ble Vice-Chancellor participated as an Advisor in the Interview Board Meeting held at Agricultural Scientists Recruitment Board (ASRB), New Delhi on 07.10.2022 for the selection of a Senior Research Management Position of the ICAR.

One Day Workshop at NIFTEM, Thanjavur:

The Hon'ble Vice-Chancellor participated as Guest of Honour in the one-day Workshop on "Millet Foods: Design, Development and Sensory Evaluation" Under the World Food Day Celebration organized by the National Institute of Food Technology, Entrepreneurship and Management at Goldern Jubilee Hall, NIFTEM, Thanjavur on 11.10.2022.

**State Education Policy Team Visited TNJFU:**

The State Education Policy Committee Chairman Hon'ble Justice Th.D.Murugesan, (Retired), Former Chief Justice of the High Court of Delhi, and the following Members Professor Sultan Ismail, Member of the State Planning Commission, Dr.Aruna Ratnam, Former Education Specialist, UNICEF, Chennai, Th.R.Balu, Headmaster, Panchayat Union Middle School, Keechankuppam, Nagapattinam District and Jayasree Damodaran, Agaram Foundation visited the University on 13.10.2022 along with the District Collector, Dr.A.Arun Tamburaj, I.A.S. and held discussions with the Vice-Chancellor, Officers of the University and student representatives. The Chief Education Officer and Revenue Officials were also present.



Annual Performance Review of Staff:

The Annual Performance Review of the Staff for the year 2021-22 was conducted by the Hon'ble Vice-Chancellor on 11.10.2022, 15.10.2022, 21.10.2022 and 25.10.2022 at Trichy Centre for Sustainable Aquaculture, Trichy, College of Fisheries Engineering, Nagapattinam, Para-Professional Institute of Fisheries Technology, Madhavaram, and Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram respectively.



DSA, Nagapattinam



CoFE, Nagapattinam



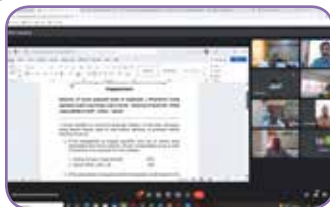
PPIFT, Madhavaram



DIVF, Ramanathapuram

University Officers Meeting:

The Hon'ble Vice-Chancellor, TNJFU conducted the 58th University Officers meeting through virtual mode on 19.10.2022.



Visit to Mandapam CeSA:



The Hon'ble Vice-Chancellor visited the Mandapam Centre for Sustainable Aquaculture, Mandapam on 25.10.2022 and reviewed the construction works.

MoA Signing Event at DIVF, Ramanathapuram:

An MoA was signed between TNJFU, Nagapattinam and M/S. Abhi Vijay Technologies, Chennai at DIVF,

Ramanathapuram on 25.10.2022 in the presence of the Hon'ble Vice-Chancellor, TNJFU.



One-day meeting on "Ensuring Internal Quality Assurance in the Academia through IQAC measures":



A one-day meeting on Internal Quality Assurance entitled, "Ensuring Internal Quality Assurance in the Academia through IQAC measures" was conducted at TNJFU headquarters, Nagapattinam on 27.10.2022.

The Director of Research i/c & Member Secretary of IQAC, Dr. J. StephenSampathKumar, welcomed the External Experts, Chairperson and other members of IQAC. Dr. G. Sugumar, Vice-Chancellor of TNJFU and the Chairperson of IQAC gave the opening remarks on IQAC, which was followed by the presentation by the Dean (Academics). Two external experts offered their remarks and suggestions for IQA.

Review Meeting for the Ongoing Civil Works:

The Hon'ble Vice-Chancellor conducted a review meeting on the progress of all ongoing Civil and Electrical works of TNJFU with the Deans, Directors and the Contractors along with the Estate Officer i/c., at the Board Room, TNJFU, Nagapattinam on the afternoon of 27.10.2022.



College News

Fisheries College & Research Institute, Thoothukudi Special programme:



A special programme for the undergraduate and Postgraduate students was organized on 13.10.2022 in which the officials from Union bank of India interacted with the students about the procedure for availing the education loans and to start a small-

scale business after graduation. Dr. B. Ahilan, Dean, delivered the felicitation address. Dr.D.Manimekalai, Assistant Professor coordinated the programme.

Awareness Programme for school students:

An awareness programme entitled 'Unsung Freedom Struggle Heroes of India' at the Bharathiar Vidyalyam Higher Secondary School, Thoothukudi was organized on 14.10.2022 as a part of the Commemoration / Celebration of the 75th Anniversary of India's Independence (Azadi Ka Amrit Mahotsav). Th. M. Muruganantham, NSS Programme Officer delivered a speech on freedom fighters and explained the benefits of eating fish and its nutritional values among the staff and students of the school. Dr. D. Manimekalai organised several competitions among the students to remind them of the unsung heroes of India's independence struggle. Dr. B. Ahilan, Dean, distributed the prizes and certificates to the winners.



One-day online training:



On 28.10.2022, offered a one-day online training programme on Farm Made Fish Feed Preparation. Various aspects of fish feed preparation such as the importance of feeds in aquaculture, types of

feeds, feed formulation methods, feed preparation methods and economics were taught to the trainees. Dr.S.Athithan, Professor and Head of this Department conducted the training programme.

On-campus Training:

Department of Aquaculture, offered a one-day On Campus training programme on Farm Made Fish Feed Preparation on 31.10.2022. A total of 42 trainees in and around Tamil Nadu participated. Aspects of fish feed preparation, types of feeds, feed formulation methods and economics were taught



to the trainees. Further, trainees were also exposed to feed preparation demonstration.

Dr.B.Ahilan, Dean distributed the certificates to the participants and spoke on the importance of this training programme Dr.S.Athithan, Professor and Head conducted the training programme.

"Run for Unity" Organised:



"Run for Unity" - a Mini Marathon was conducted in commemoration of the 147th birth anniversary of Sardar Vallabhbhai Patel at Thoothukudi on 31.10.2022. A total of

100 boys and 41 girls from the constituent colleges of Tamil Nadu Dr.J.Jayalalithaa Fisheries University took part in the mini-marathon. Mr. G. Chandeesh, IPS, Assistant Superintendent of Police, Thoothukudi district flagged off the race and presented medals and the trophy to the winners. Mr.S.Kumaraguru, IInd B.F.Sc, Dr.MGR FC&RI, Ponneri, and Ms. A. R. Asha, 1st B.F.Sc Dr.MGR FC&RI, Thalainayeru won the First place in their category. Dr.B.Ahilan, Dean, presided over the function and congratulated the winners as well as other participants. As a part of the 75th Independence Day Celebration of Azadi Ka Amrit Mahotsav, an inter-collegiate elocution competition was also conducted. Dr. F. Parthiban, the Sports Secretary and Dr. D. Natarajan, Assistant Director of Physical Education coordinated the events.



Dr. M.G.R Fisheries College and Research Institute, Ponneri

Celebrated Student's Day - 2022:

The Students Association organised the "Student's Day 2022" programme in honour of Dr.A.P.J Abdul Kalam's birthday on 14.10.2022. The programme commenced with the welcome address by Dr. Cheryl Antony, Vice-President of the Student's



Association. The Presidential address was delivered by Dr. R. JeyaShakila, Dean and President of the Student's Association. Ms. P. Deepadharshini of third year B.F.Sc. gave a speech on the topic "The Significance of celebrating Dr. A.P.J. Abdul Kalam's birthday as the Students Day". A debate was conducted on the topic "Whether India has stood up to the world or not?" and Dr. D. Manikandavelu, Adjunct Professor served as the Judge. At the end, certificates were distributed to all the participants. On this special day, trees were planted by the students. The event was organised and conducted by the third year B.F.Sc students.

Celebrated World food day - 2022:

The Department of Fish Processing Technology and Students' Association jointly organised the "World Food Day" celebration with



the theme of "Leave no one behind" on 17.10.2022. The Chief Guest Mr. K. Sundararaman, Food Safety Officer, FSSAI, Tiruvallur District presided over the function and elaborated on the WHO theme. Dr. R. JeyaShakila, Dean of Dr. MGR FC&RI, Ponneri delivered the keynote address on World Food Day. The Presidential address was delivered by Dr. Cheryl Antony, Professor and Vice President of the Student's Association. Competitions on cooking, speech, Quiz and drama were conducted on the theme "What's yours is mine: Eating together matters".

Dr. M.G.R Fisheries College & Research Institute, Thalainayeru

National workshop "Chola Aqua 2022":

The National workshop, Chola Aqua 2022, on "Shrimp Farming - Made better for the Future (SFMBF2022)" was organised by the TNJFU at Dr. M.G.R Fisheries College and Research Institute, Thalainayeru on 7th October, 2022. The workshop was inaugurated by Dr. S. Kandan, Director, RGCA, Sirkali and delivered the chief guest address and Dr. S. Balasundari, Dean and Convener welcomed the gatherings. On this occasion, the souvenir of the Chola Aqua 2022 was released. Speakers from shrimp industries and central institutes delivered lectures. Seventy-five participants from the shrimp farming industry attended the workshop.

Stakeholders exhibited their products in the stalls put up in connection with the national workshop.



District-Level Youth Festival Competition:



Students participated in the district-level cultural events on the occasion of the Youth Festival organised by Nehru Yuva Kendra, Nagapattinam at Prime College, Kilvelur on

15.10.2022. Students have participated in various competitions that include poetry, drawing, photography, declamation contest, cultural programme and youth convention.

Honoured the Sanitation Workers:

Honoured Th.K.Kuhan, Executive Officer of Thalainayeru Town Panchayat for his strenuous efforts in making Thalainayeru top in the State as the cleanest local body in Tamil Nadu on 28.10.2022. All staff of the Town Panchayat office were offered Raincoats



and the whole event was supported by the Teaching and Non-Teaching staff. Students of the college also participated in the awareness video shot by the Panchayat office to reiterate the fact "My Waste: My Responsibility".

World Food Day, 2022:

On the occasion of World Food Day 2022, an awareness programme was conducted for 80 students of A.D.M College for Women (Autonomous), Nagapattinam on 18.10.2022. Value-added products, posters and flyers on the handling and processing of fish were displayed. Lectures were given on value-added fish and fishery products, hygienic handling of fish and the health benefits of seafood. A poster competition on the theme of "Role of aquatic foods in mitigation of micronutrient malnutrition in India" was conducted for the students on the

occasion of world food day on 21.10.2022 and the certificates were distributed to the winners.

College of Fisheries Engineering

Engineering Exhibits:



The gadgets, mobile apps, Solar powered aerator, Halochromic sensor TNJFU Model Cage for Aquaculture, AquaGent-A virtual assistant (Chatbot) and posters for Semi-automatic dry fish

cutter, Fish descaling machine and Crab meat pasteurization in a retort pouch developed at this institute were exhibited at the CHOLA AQUA 2022- National Workshop on SHRIMP FARMING – MADE BETTER FOR THE FUTURE (SFMBF'2022) on 07th October, 2022 at Thalainayeru. The faculty of the college also participated and explained the visiting farmers in the programme.

Institute of Fisheries Postgraduate Studies

College Day Celebrations:

The college day celebration of the TNJFU-OMR Campus was held on 1st October 2022. Various on-stage and off-stage events like Rangoli, Fruit and Veg carving, Face painting, Art from waste, Paper dressing, Drawing, cooking without fire, Hairdressing, Solo singing, Just Dance, Group Dance, Dual Dance, Mime and group singing were conducted. The Vice President of the Student Association Dr. E. Suresh delivered the welcome address. Dr. K. Kumanan, Officer In-charge, IFBT delivered the felicitation address. Dr. V. Kripa, Member Secretary, CAA, Govt. of India, delivered the chief guest address and distributed the prizes to the winners and runners of the various events. The 2019-2020 Batch scored the overall championship and the overall runner-up went to the 2018-19 batch of TNJFU-OMR Campus.



Graduation Day – IFBT:

The graduation day for the B.Tech Biotechnology Students (2018 -2019 batch) was celebrated on 8th October 2022 at the TNJFU-OMR campus, Chennai. Mrs. Sheena K



Baby, Asst. Professor, TNJFU-IFBT introduced the students and Dr. K. Kumanan, Officer In-charge, IFBT delivered the welcome address. Dr. P. Sriram, Professor and Head, TNJFU-IFPGS and Dr. S. A. Shanmugam, Dean, Basic Sciences presented the felicitation addresses. The event was honoured by the presence of the Chief guest Dr. R. Prabakaran, Former Vice-Chancellor, TANUVAS, Chennai, who delivered the Chief-guest address and distributed the memento to the students. Dr. U. Lalitha Priya, Student Counsellor, 2018-19 batch proposed the vote of thanks.

Directorates

Directorate of Extension Education

Jal Shakthi Abhiyan Awareness Programme:



A District level "Genetic Diversity Fair and Jal Shakthi Abhiyan awareness programme" was jointly organised by ICAR-Krishi Vigyan Kendra, Sikkal,

Nagapattinam and Agriculture & Farmers welfare department on 16.10.2022. Traditional varieties cultivation, conservation and Water management technologies, Drought, flood-tolerant traditional varieties were also explained to the farmers. Dr. Arun Thamburaj, IAS, District Collector headed the programme. Mr.J.Akhanda Rao, JDA welcomed the gathering. Special invitees MLA Kilvelur, Chairman TAHDCO, Chairman TNFDC, felicitated the event. Farmers-Scientists interaction and exhibition were also arranged. Dr.A.Gopalakannan, Programme Coordinator, KVK gave a prelude about the programme. Lectures on traditional varieties cultivation and water saving technologies, Pest and disease management, Value addition and nutritional benefits of traditional varieties and Fish culture were given by Subject Matter Specialists Mr.E.Hino Fernando (Fisheries Extension), Dr.K.Chandrasekar (Plant Protection), Dr.V.Kannan (Agronomy), Mr.K.Ragu (Horticulture) and

Dr.A.Mathivanan (Home Science), There were 183 farmers, 32 officials, 50 students participated and benefited.

PM Kisan Samman Sammelan and Agriculture Start-up conclave arranged:

ICAR-Krishi Vigyan Kendra, Sikkal, Nagapattinam organised webcasting of PM Kisan Samman Sammelan and Inauguration of Agriculture Start-up programme at KVK, Nagapattinam on 17.10.2022. Mr.J.Akhanda Rao, JDA, Nagapattinam and Dr.Sanjeevi Raj, Regional Joint Director of Animal Husbandry, Dr.Suresh, Head, VUTRC participated and delivered a felicitation address. Dr.A.Gopalakannan, Programme Coordinator, KVK, Nagapattinam welcomed the gathering and gave a prelude about the programme. Animal health camp was also conducted. In this camp deworming medicine was given. The nutritional health tonic and fodder slips were distributed. Farmers Scientists interaction was carried out by Subject Matter Specialists Mr.E.Hino Fernando (Fisheries Extension), Dr.K.Chandrasekar (Plant Protection), Dr.V.Kannan (Agronomy), Mr.K.Ragu (Horticulture), Dr.A.Mathivanan (Home Science). About 122 farmers and 7 officials visited the exhibition organised in the context.



Genetic Diversity Fair and Jal Shakthi Abhiyan Awareness Programme attended:



ICAR-Krishi Vigyan Kendra, Sikkal, Nagapattinam has put up an exhibition on the occasion of Genetic Diversity and Jal Shakthi Abhiyan Awareness Programme organised by

the Department of Agriculture & Farmers Welfare, Mayiladuthurai district at State Seed Farm Thirukadaiyur, Sembanarkoil on 28.10.2022. Mr.J.Sekar, JDA, Mayiladuthurai welcomed the gathering. Mr.Nivetha M.Murugan, MLA, Poompuhar, Mr.M.Panneerselvam, MLA, Sirkazhi, Mr.S.Rajakumar, MLA, Mayiladuthurai, Mr.S.Murugadass, District Revenue Officer and District Panchayath Chairman offered felicitation. An exhibition stall was put up for showcasing KVK technologies and activities. Dr.V.Kannan, SMS (Agronomy) imparted lectures on traditional rice varieties cultivation, conservation and Water management technologies in Agriculture to the farmers. Dr.A.Mathivanan

SMS (Home Science) imparted lectures on value addition from traditional rice varieties and value addition in fishes. 192 visitors comprising 165 farmers and 27 officials participated.

Directorate of Sustainable Aquaculture

Three-day training programme:

A training programme on *P. vannamei* farming was organised for three days from 18.10.2022 to 20.10.2022 under the NADP incubation scheme. Participants from Kanyakumari, Erode, Thirunelveli and Ramanathapuram districts participated. The programme emphasized Pond construction and management (pre and post), farm registration protocol, site selection, water and soil quality management, disease and feed management, best management practices, biosecurity, seeds selection, etc. A half-day exposure visit was arranged to Ganapathipuram Centre for Sustainable Aquaculture where the farm infrastructures are developed under the incubation scheme and adjacent farms. Mrs. Sofia, the Inspector of Fisheries participated and explained the scheme and existing rules related to farm establishment. Th. P. Mohanraj, Assistant Director of Fisheries participated as the chief guest and distributed the certificate to the trainees. Th. P. Velmurugan, Co-Principal Investigator of the NADP scheme, organised and conducted the event.



Directorate of Incubation and Vocational Training in Fisheries

Training Programme:

A on-campus training programme on "Care and maintenance of Marine Engine and Sea Safety" was held from 17.10.2022 to 22.10.2022". Fishermen from the Mandapam



Region of Ramanathapuram district have participated. Mr.Abdul Kadar Jailani, Assistant Director of Fisheries and Fishermen Welfare, Mandapam participated as the Chief Guest and graced

the occasion. Mr.M.Kalaiarasan, Assistant Professor, DIVF, Ramanathapuram presided over the function. The training programme included various aspects related to the Care and Maintenance of Marine Engine and Sea Safety such as handling navigational equipment, Seamanship appliances, Chart work, Navigational signals, Marine engine repair and maintenance, Wildlife act and Endangered fish species. During the training programme, practical demonstrations on 'First aid at sea' and 'Fire Fighting' were carried out by a Doctor and a team of staff

From

Director of Extension Education
Tamil Nadu Dr. J. Jayalalithaa
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from the district fire officer of Tamil Nadu Fire and Rescue services, Mandapam, respectively. Er.M.Sivasudalaimani, Automobile Engineer delivered the vote of thanks.

Common Events

Vigilance Awareness Week:

Vigilance Awareness Week pledge was administered at our Constituent Units on 31.10.2022 at 11.00 am.



Retirement:

Mrs.M.Vasanthakumari, Superintendent, office of the Registrar TNJFU, Nagapattinam retired Voluntarily on 31.10.2022. She joined into service on 06.01.1992 as steno typist grade III



Research Publications:

1. Chandra Sekhar Dash, M. Sukumar, V. Ravi, G. Anitha, Jothi Ramalingam Rajabathar, Khadijah Mohammed salehKatubi, Norah Salem Alsaieri, khamael M. Abualnaja, R. Rajkumar, **M. Kamalakannan**, M. Sundararajan, A. Sutha, 2022, Effect of Zinc Doping on Structural, Optical, Magnetic, and Catalytic Behavior of Co_3O_4 Nanoparticles Synthesized by Microwave-Assisted Combustion Method, Journal of Cluster Science. (**Impact Factor / NAAS Rating - 3.447/9.447**) (Science Citation Index Expanded & Scopus).
2. Naganandhini, V., **Kalaiarasan Muthupandi**, Vasanth, K., **Neethiselvan, N., Padmavathy, P.** and Radhakrishnan Kalidoss. Influence of Hook Size on Species Composition, Catch Rate and Size of Needlefishes in the Gulf of Mannar, India. Journal of Coastal Research (Accepted – October, 2022). DOI: 10.2112/JCOASTRES-D-22-00067 (**Impact factor: 1.11**)

Patent/Design Applications Filed:

1. **Anand Theivasigamani, Roshan Raju Umaselvi, Harini Ravi, Kesavan Devarayan Monikandon Sukumaran and Ramar Marimuthu.** Gearbox design for combined Aerators, Design Application No. 372085-001.
2. **Anand Theivasigamani, Mohammed Imthathullah, Jenifer Loumin S, Kesavan Devarayan, Monikandon Sukumaran and Ramar Marimuthu.** Grader for shrimp nursery, Design Application No. 372078-001.
3. **Mohammad Tanveer, Skadlin Rose P.B., J. Stephen Sampath Kumar, G. Sugumar.** Cage for Freshwater Aquaculture, Design application no. 372808-001.

"சோதனை கடந்து சுதந்திரம் அடைந்தோம்
சாதனை புரிந்து சரித்திரம் படைப்போம்."