TAMIL NADU Dr. J. JAYALALITHAA FISHERIES UNIVERSITY

UNIVERSITY NEWSLETTER TNJFU

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



Dear Readers,

As we are coming to the end of 2020, the year that gave us a lot of suspense, isolation, restrictions, lessons and realizations, let us count on the blessings and be grateful to all those who helped us pass through this unusual phase. The year has taught us a new dimension to the way we interacted and technology has brought us closer than ever before. TNJFU could organize 27 webinars enriching our faculty staff, students and participants from outside the university with newer information in various aspects of fisheries. The scientific community was more than willing to share knowledge with peers, and this new normal would continue even after the restrictions are lifted.

As for the activities of the month, the postgraduate admission process was ably completed by the Controller of Examinations and his team. Our staff actively took part in presenting research papers in Tamil at the 6th National Conference on Agricultural Scientific Tamil; Dr. MGR Fisheries College and Research Institute, Thalainayeru received the Best Constituent College Award on that occasion. Awareness programmes involving school students were organized in several of our institutes as part of the Agricultural education day. Hands-on training programmes were initiated in some of our campuses for the fish farmers and entrepreneurs on-demand following the guidelines mandated by the Government, a step towards normalcy.

I could take up the annual performance review of the University staff from 7th to 19th of this month. This gave me a clear picture of the activities, priorities and accomplishments of our staff in all faculties. While majority of our staff is driven by self-motivation some require an external thrust. We will only prosper if we have accountability for and responsibility in whatever we do. Accountability in the workplace means that we all are responsible for our words, actions, behaviors, performance, and decisions in an organization leading to higher performance. Ways to foster accountability at work are by setting smart goals, priorities, monitoring progress and learning from failures as well. My earnest appeal to all staff is to remain in focus and realize your goals in alignment with the mandates of TNJFU. Wish you all a bright and Happy 2021.

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

VC EVENTS

Hon'ble Minister distributed admission letter to Fishermen Wards in U.G. Admission 2020-21

Thiru. D. Jayakumar, Hon'ble Minister for Fisheries and Pro-Chancellor of Tamil Nadu Dr. J. Jayalalithaa Fisheries University handed over the admission letter to the students selected under Fishermen Wards in the presence of Dr. G. Sugumar, Vice-Chancellor, Dr. P. Jawahar, Controller of Examinations of TNJFU on 09.12.2020 at Secretariat, Chennai.



UG Admission: Distributed admission Letters to the NRI Candidates

Tamil Nadu Dr. J. Jayalalithaa Fisheries University conducted counseling of NRI Candidates for UG Admission for the academic year 2020-21 on 03.12.2020. The Hon'ble Vice-Chancellor handed over the admission letter to the NRI candidates at TNJFU, Nagapattinam.



Vice-Chancellor's Conference

The Hon'ble Vice-Chancellor, TNJFU attended the Annual Conference of Vice-Chancellors of Agricultural Universities & Directors of ICAR Institutes through online during 04.12.2020 and 05.12.2020.

Annual Review

The Annual Performance review for the year 2019-20 was conducted by the respected Vice-Chancellor along with the Director of Research from 07th December 2020 to 19th December 2020 with the following schedule:

7thDecember 2020 at Dr.MGR FC&RI, Ponneri; 8thDecember 2020 at IFPGS, Vaniyanchavadi; and at ARTP, Madhavaram; 11thDecember 2020 at Dr.MGR FC&RI, Thalainayeru; 14th & 15thDecember 2020 at FC&RI, Thoothukudi; 17th December 2020 at CoFE, Nagapattinamand 19th December 2020 at DCeSA, Thanjavur.



Dr. MGR FC&RI, Ponneri | Dr. MGR FC&RI, Ponneri | CFNFT, Madhavaram



IFPGS, Vaniyanchavadi | DIVA, Muttukadu | Dr. MGR FC&RI, Thalainayeru



Dr. MGR FC&RI, Thalainayeru | FC&RI, Thoothukudi | FC&RI, Thoothukudi



FC&RI, Mylaudy | CFNT, Thoothukudi | DIVF, Ramanathapuram



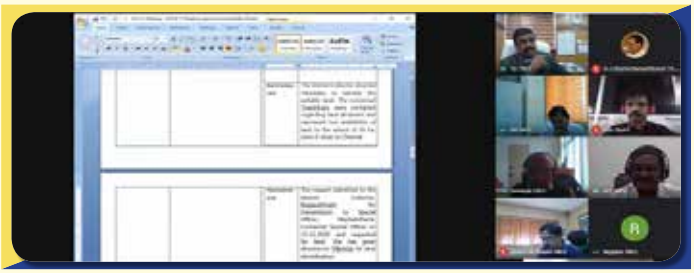
CoFE, Nagapattinam | CFNT, Thoothukudi | DSA, Thanjavur



DSA, Thanjavur

University Officers Meeting

The Hon'ble Vice-Chancellor, TNJFU conducted the 37th University Officers meeting through virtual mode on 16.12.2020.



6th National Tamil Conference on Agricultural Scientific Tamil

The Hon'ble Vice-Chancellor, TNJFU Participated as a 'Guest of Honor' in the 6th National Tamil Conference on Agricultural Scientific Tamil (Theme: Tamil Can Do-Agriculture/Veterinary/Fishery) held on 21.12.2020 at International Institute of Tamil Studies, MSSRF Chennai.



Postgraduate (M.F.Sc., M.Tech. and Ph.D.) Counseling at Dr. MGR Fisheries College and Research Institute, Ponneri

Counseling for admission to PG courses (Masters and Doctoral) was conducted at Dr. MGR Fisheries College and Research Institute, Ponneri from 21.12.2020 to 22.12.2020. The Hon'ble Vice-Chancellor handed over the admission letter to the selected candidates on 22.12.2020. Chairman, PG Admission Committee & Controller of Examinations Dr. P. Jawahar coordinated the event.



Attended Review Meeting of the NADP Scheme

Meeting at the secretariate under the chairmanship of APC, Shri. Gagandeep Singh Bedi, IAS and Principal Secretary, AHDF, Dr.Gopal, IAS on 23.12.2020

Visited TNJFU Business School to discuss with Dean and Programme Coordinator on 23.12.2020

Attended IAUA General Body Meeting

The Hon'ble Vice-Chancellor, TNJFU attended the Indian Agricultural Universities Association (IAUA), General Body Meeting held on 29.12.2020 through online.

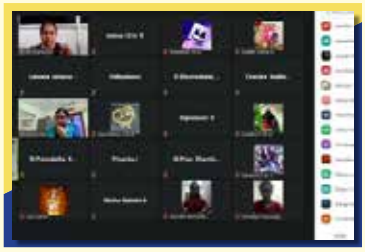
Virtual meeting with stakeholders in fisheries sector conducted by State Development Policy Council on 29.12.2020

The Hon'ble Vice-Chancellor, TNJFU and Director of Research participated in the virtual meeting organized by the State Development Policy Councilon 29.12.2020 with the stakeholders in the fisheries sector comprising Tamil Nadu Dr.J.Jayalalithaa Fisheries University (TNJFU), Tamil Nadu State Fisheries Department, Tamil Nadu Fisheries Development Corporation, Coastal Aquaculture Authority (CAA) of India, Marine Products Export Development Authority (MPEDA) and Central Institute of Brackishwater Aquaculture (CIBA).

College News

Fisheries College and Research Institute, Thoothukudi : Agricultural Education Day

The Agricultural Education Day is being celebrated on 3rd December every year in memory of the first Agricultural Minister of India Dr.Rajendra Prasad. The Agricultural Education Day is celebrated in collaboration with Subbaiah Vidyalayam School (Online mode) for promoting the agricultural and allied sectors among the school children.



Dr.B.Sundaramoorthi, Dean spoke on the importance and history of Agricultural Education Day and the importance of fisheries sciences and its development. Dr. Cheryl Antony, Professor and Head delivered the lecture on Aquariculture for entrepreneurship development to the school students. Dr. B. Chrisolite and Dr. G. Arul Oli, Assistant Professors spoke on the profile about the Tamil Nadu Dr.J.Jayalalithaa Fisheries University and Fisheries College and Research Institute, Thoothukudi respectively. A total of 126 twelfth standard students of Subbaiah Vidyalalyam, Thoothukdi participated and enriched their knowledge about the scope of fisheries sciences. Mrs.D.Manimekalai, Assistant Professor explained the placement opportunities for fisheries sciences graduates. The programme was organised in coordination with Mrs.Shankari, Botany teacher, Subbaiah Vidyalalyam.



NSS Volunteer of Fisheries College and Research Institute nominated to participate in the South Zone Pre-Republic Day Parade Camp at Trichy



The University Level Selection Committee nominated Mr.K.Aakashraj, NSS Volunteer of Fisheries College and Research Institute, Thoothukudi to participate in the South Zone Pre-Republic Day Parade Camp held at National College at Karumandapam, Tiruchirappalli from 27.11.2020

to 06.12.2020. Dr.B.Sundaramoorthi, Dean and NSS Co-ordinator congratulated and encouraged. This programme was coordinated by NSS Programme Officer Th.T.Ravikumar and Assistant Director of Physical Director Dr.D.Natarajan.

6th National conference on "Agricultural Scientific Tamil, Technical session on "Fisheries Science"



The 6th National conference on "Agricultural Scientific Tamil" of Agricultural Scientific Tamil Society, New Delhi, jointly organized by Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu Veterinary and Animal Sciences University, Chennai, Tamil Nadu Dr.J.Jayalalithaa Fisheries University, Nagapattinam was conducted at International Institute of Tamil Studies, M.S.Swaminathan Research Foundation campus Taramani, Chennai on December 21st&22nd – 2020.



The Technical session on "Fisheries Science" was conducted at the Conference Hall of Fisheries College and Research Institute, Thoothukudi on 22.12.2020. A total of 20 research papers on various disciplines of Fisheries Science were presented. The session was chaired by Dr.R.Jeya Shakila, Professor and Head, Department of Fish Quality Assurance and Management, Fisheries College and Research Institute, Thoothukudi and Dr.R.Suryakala, Assistant Professor, Annammal Educational College, Thoothukudi. The best paper awards among faculty were bagged by Dr.Sivakumar, Assistant Professor, KVK, Kattupakkam,Tmt.D.Manimekalai and Dr.K.S.Vijay Amirtharaj of FCRI, Thoothukudi. Among scholars Ms.T.Kousalya, SRF,MRFF, Thoothukudi, and Ms.T.Surya, Ph.D. Student, FCRI, Thoothukudi won best paper awards. The conference for fisheries discipline was organized by Dr.B.Sundaramoorthi, Dean and Dr.V.Rani, Associate Professor and Head, Department of Aquatic Environment Management. Mr.F.Parthiban and Mrs.D.Manimekalai served as Rapporteurs. Dr.N.V.Sujathkumar and Dr.G.Arul Oli co-ordinated the online technical session.

Dr.M.G.R Fisheries College &Research Institute, Ponneri: Agricultural Education Day

Celebrated the day virtually on the theme of "**Green Earth – by the Students, for the Students**"to commemorate the 'Agricultural Education Day'. Dr. B. Ahilan, Dean, Dr. M.G.R FCRI, Ponneri delivered the presidential address of the event and Dr. D. Manikandavelu, Professor and Head, DAEM & Vice President, Students' Association delivered the felicitation address. The Highlight of the event was an awareness debate in Tamil entitled "இன்றைய சூழலுக்கு அதிக பயன் தருவது கரிம (organic) வேளாண்மையா? கனிம (inorganic) வேளாண்மையா?" in which the institute's students participated. Mr. P. Sundar, B.Sc (Agri)., MBA (Agri-Business Management) a practicing Horticulturist served as the Judge of the debate. The virtual event had 100 participants which include 30 school students of Panchayat Union Primary School, Nagamangalam, Trichy, in addition to IV B.F.Sc, PG &Ph.D students and teaching staffs of the institute. Dr. C. Lloyd Chrispin, Asst. Professor, DFEES coordinated the virtual event with the assistance of Mr. S. Ashik Ahamed, IV B.F.Sc.





'COVID-19' testing and awareness camp organized

As per the direction of the State Government of Tamil Nadu, final year students of the institute were permitted in the institute on 07.12.2020 to continue their regular academic activities. To ensure their safety 'COVID-19' testing and awareness camp was organized at the institute on 08.12.2020. The final year students were tested and guided with preventive measures by Dr. Anand, Primary Health Center, Minjur. In the camp, Dr. B. Ahilan, Dean of the institute distributed 'Kabasurakudineer' to the final year students and staff of the institute. Dr. D. Manikandavelu, Professor and Head, DAEM & Vice President, Students' Association and Dr. N. Muralidharan, Asst. Professor, DFPT & Hostel Warden coordinated with the officials of Primary Health Center, Minjur.



Training programme on Culture of Asian Seabass using Recirculating Aquaculture System

NADP funded 5 days training programme on the Culture of Asian Seabass using Recirculating Aquaculture System was conducted by the Department of Aquaculture (DAQ) from 14.12.20 to 18.12.20. The faculty of Dr. M.G.R. FC & RI,



Ponneri delivered lectures on various aspects of the culture of Asian seabass using Recirculating Aquaculture System. The training programme also included field visits to the Central Institute of Brackishwater Aquaculture, Muttukadu and the Directorate of Vocational Training in Aquaculture, Muttukadu. In valediction, Dr. B. Ahilan - Dean of the institute distributed participation certificates to the 20 beneficiaries of the trainingin the presence of Dr. P. Chidambaram, Professor and Head i/c, DAQ.

Farm School Radio talk recorded



Dept. of Fisheries Extension, Economics and Statistics of Dr. M.G.R FC & RI, Ponneri in collaboration with All India Radio [AIR], Chennai organized a two days 'Farm School' – radio talk recording from 16.12.20 to 17.12.20. All the faculty of the institute including Dr. B. Ahilan, Dean of the institute recorded 'radio talk' in their area of expertise. A total of 20 technical topics in different aspects of fisheries and aquaculture were recorded for the benefit of the farming activity audience of AIR, Chennai. Besides, the success stories of farmers who benefitted from the institute's training and consultancy were also recorded. Ms. S. Agnes Daney Angela, AP, DFEES and Dr. C. Lloyd Chrispin, AP, DFEES coordinated the programme.

Training on Freshwater Ornamental Fish Farming Technology



Based on the request from Assistant Director of Agriculture, Nemili block, Ranipet district, Aquatic Rainbow Technology Park (ARTP) functioning at TNJFU Madhavaram

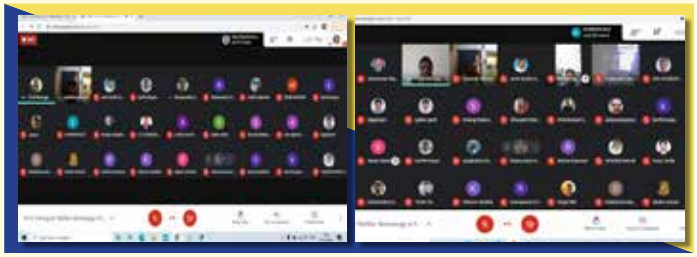


Campus conducted a training programme on "Freshwater Ornamental Fish Farming Technology"under ATMA- scheme. The training programme was conducted from 23.12.2020 to 24.12.2020. In the training, topics such as the importance of ornamental fish farming, small scale ornamental fish farming have been discussed. The participants were also taken to the farm visit. A total of 33 farmers attended the training programme. Dr.K.Ravaneswaran, Professor, ARTP coordinated the training programme.

Dr.M.G.R. Fisheries College and Research Institute, Thalainayeru:

E-Training Programme on "Biofloc Technology in Farmers Perspective"

Organized a one-day E-Training on "Biofloc Technology in Farmer's Perspective" on 16.12.2020. The aim of this online training programme is mainly to provide ideas to the trainees on the development of Biofloc and preparation of culture water to stock the animals. A total of 61 farmers from different parts of the country such as Odisha, Andhra Pradesh, Karnataka and Tamil Nadu participated. Dr.S.Balasundari, Dean, inaugurated and released an e-compendium.



Best Constituent College Award

Dr.M.G.R. Fisheries College and Research Institute, Thalainayeru has received the **"Best Constituent College Award"** conferred by Agricultural Scientific Tamil Society (ASTS), New Delhi. The Dean has received the award during the conference of ASTS held at World Tamil Research Center, Taramani, Chennai on 21.12.2020.



6th National Conference on Agricultural Scientific Tamil

The technical session for the 6th National Conference on Agricultural Scientific Tamil was conducted at Dr.MGR FC & RI, TNR on 22.12.2020. Totally 21 papers were presented during the session. Dr. N. Jayakumar, Associate Professor& Head and Dr. J. Jaculine Pereira, Assistant Professor have served as the Technical Committee members and Dr. V. Alamelu, Assistant Professor and Mr. S. Santhosh Kumar, Assistant Professor have served as Rapporteur for the session I and II. Four presenters received the **"Best Paper Presentation Award"** conferred by ASTS, New Delhi for their research.



Tree Plantation

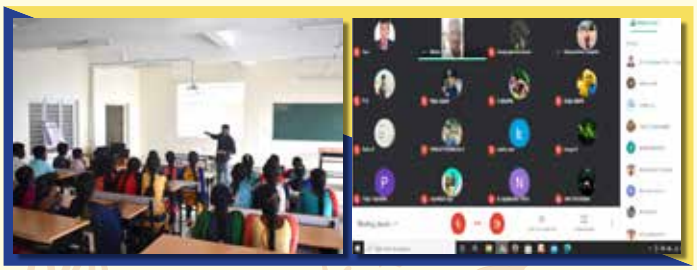
Tree plantation was carried out in the college premises and 75 nos of tree saplings were planted around the college campus on 24.12.2020.



Agricultural Education Day

An awareness programme was conducted for the school students from Oradiyampulam and Vattakudi villages on 3.12.2020 to mark Agricultural Education Day. A presentation was made to the students about the agricultural education and courses offered by the University. Flyer on educational programmes of the University was distributed to the students. A total of 31 students benefitted from this programme.

A virtual talk on "Experience and success story of Shrimp farming" by Mr. Balakrishnan, Shrimp farmer, and "Experience and success story of Seafood Processing and Export" by Mr. Joseph Raghunath, Managing Director, Danica Aqua Pvt Ltd., Vishakapattinam were also given. They insisted upon the employment opportunities in the seafood export sector and the current scenario of placement of fisheries graduates in the sector. A total of 85 participants including teaching staff and students have attended this virtual programme.



Institute of Fisheries Post Graduate Studies, Vaniyamchavadi:

Training on "Nursery and Growout culture of shrimp"

A training programme on "Nursery and Growout culture of shrimp" (*Penaeus vannamei*) for two days from 08.12.2020 to 09.12.2020. Six trainees attended this program. Dr. S. A. Shanmugam, Dean (Basic Sciences) inaugurated the programme. The training covered various aspects of shrimp farming such as Biology and Seed Production, Live feed culture in brackishwater ponds, Larval rearing, Feed and diseases management and water & soil quality management. S. Malathi, Farm Manager organized this training programme at Brackishwater Research Farm Facility.

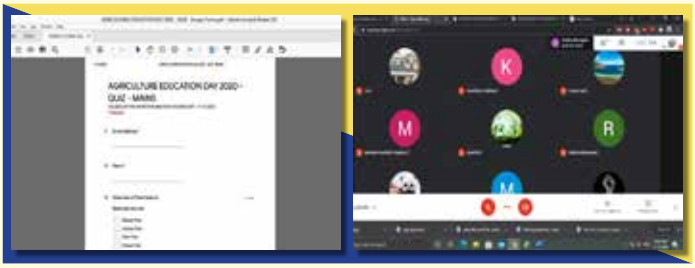




College of Fish Nutrition and Food Technology, Madhavaram Milk Colony, Chennai

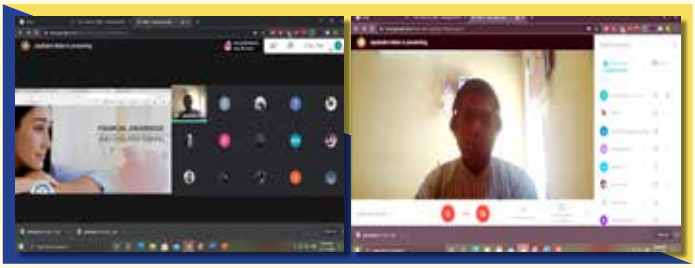
Agricultural Education Day 2020

In accordance with the directions of the Indian Council of Agricultural Research (ICAR) '**Agricultural Education Day'**, was celebrated through the online platform on 11.12.2020. An **E-Quiz Competition** was conducted for the 2018–19 and 2019–20 batch students of B.Tech.Food Technology. The best three E-quiz participants were selected and E- certificates were issued to the winners.



Financial Awareness Training Program

An Online Financial Awareness and Consumer Training program was conducted for the students of CFNFT on 23.12.2020. Mr. Jayabalan, B., Trainer, National Centre for Financial Education, Mumbai presided over the 3-hour session which provided an insight about the topics such as identity theft protection, responsible use of credit card, education loan borrowing principles, how to avoid impulsive buying, cashless transaction and how to manage income. The programme, thus served as a platform for the students to gain knowledge on managing finance responsibly and safely.



Directorates

Krishi Vigyan Kendra, Sikkal:

World Soil Day

The World Soil Day Program was organised in coordination with the Department of Agriculture, Nagapattinam at KVK premises on 05.12.2020. The Program was headed by Mr. S. Paneerselvam, Deputy Director Agriculture, Nagapattinam. Mr.E.Hino Fernando, SMS (FE) Programme Coordinator i/c, welcomed the gathering and briefed on the importance of celebrating soil day. The Deputy Director Horticulture, Nagapattinam delivered the special address.

During the technical sessions, a lecture on the Inclusion of Animals in IFS for soil health was delivered by Dr. S. Muthukumar, SMS (AH). Followed by Soil health importance, SHC based fertilizer application, Biofertilizers and Green leaf manures for soil health lecture was given by Dr.V.Kannan, SMS (Agronomy). Mr.K.Ragu, SMS (Hort) delivered the importance of organic vegetable production. At the end of the programme, the soil health cards were issued to the farmers. Finally, Dr. A. Mathivanan, SMS (FPT) delivered the vote of thanks. No. of participants were 152.



Japanese quail chicks distributed to the beneficiaries

On the 10th of December Japanese quail chicks were distributed to the women farmer-beneficiaries under NABARD- LEDP programme. This programme was specially addressed by the Director of Extension Education, TNJFU in the presence of the District Development Manager, NABARD, and distributed 3000 Nos. of day-old Japanese quail chicks in Pappakovil and Karuvelankadai. Director of Extension Education insisted on the importance of Japanese quail rearing in the rural economy and livelihood.

On the 24th of December, 3000 Japanese quail chicks were distributed to the women farmer-beneficiaries under NABARD- LEDP programme. This programme was specially addressed by the programme coordinator ICAR-KVK, TNJFU, and distributed day-old Japanese quail chicks in Kutramporuthan Iruppu and Thevoor. His address insisted on the health benefits of Japanese quail and the necessity of rearing Japanese quail by the landless farmers. This event was coordinated by Dr.S. Muthukumar, SMS (AH)



Directorate of Incubation and Vocational training in Aquaculture (DIVA), Muttukadu:

"Shrimp harvest day" observed

Pacific white shrimp, *Penaeus vannamei*, were harvested in the indoor aquaculture complex, DIVA on 17.12.2020. Shrimp post-larvae were procured from Raj hatchery for the industry-institute project, nursery reared and cultured in cement tanks (24m^3 volume) for 120 days. Survival was estimated to be 90% with an average size of 30 g. Dr. N. Felix, Director, launched the harvest,andabout 32 kg of shrimps were harvested and sold.



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Book-Post

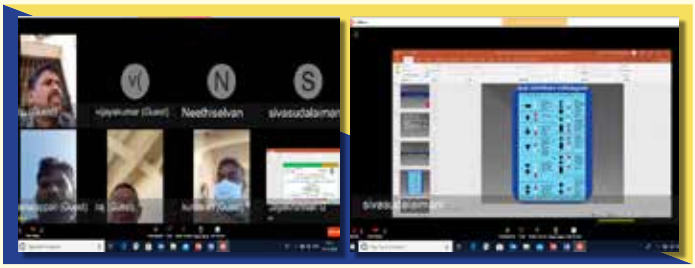
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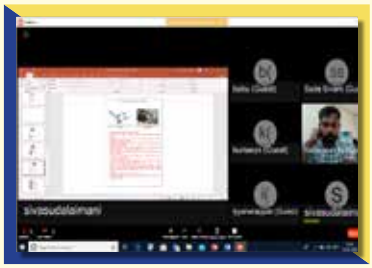
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Directorate of Incubation and Vocational Training in Fisheries (DIVF), Ramanathapuram:

Jio Meet awareness programme

One Jio Meet awareness programme was conducted jointly with Reliance Foundation, Puducherry. The programme was conducted on 10.12.2020, for the fishermen of Puducherry. Dr.N.Neethiselvan, Director, DIVF gave an introductory speech in all the programmes emphasising the need for fishermen's knowledge on Navigational signals, lifesaving appliances and marine engine maintenance for safe fishing. The staff of the Institute of Industrial Fishing Technology (IIFT), Ariyaman of the Directorate gave a special talk on the following topics:





i. Navigational signals
ii. Life-saving appliances
iii. Marine engine maintenance
iv. Responsible fishing

A total of 30 fishermen participated in the programmes.

Directorate of Sustainable Aquaculture:

Awareness and Hands-on training for Home Aquarist on 05.12.2020 at Kanyakumari Parakkai Centre for Sustainable Aquaculture

The Kanyakumari Parakkai Centre for Sustainable Aquaculture, Parakkai, has organized one-day Awareness and Hands-on Training Program for Home Aquarist" on 05.12.2020 under NADP Scheme on Upgrading Sustainable Aquaculture Production Centres of TNJFU for Operation through Private – Public Partnership for Integrated Agriculture Development. 18 participants attended the program. The topics covered aquarium tank maintenance, fish tank decoration, water quality maintenance, treatment, construction of glass tanks, etc.



An awareness program on Importance of Optimum water quality for better growth in freshwater ponds" was conducted at Krishnagiri Barur Centre for Sustainable Aquaculture, Barur, Krishnagiri, under NADP 2019–20 Scheme on "Upgrading Sustainable Aquaculture Centres of TNJFU for operation through Private – Public Partnership for Integrated Agriculture Development on 31.12.2020. A total of 15 farmers participated and they were explained the importance of water quality parameters and their on-field analysis techniques by Dr. Somu Sundar Lingam, Assistant Professor, KBCeSA, Pungampatti, Barur.



ATMA farmers exposure visit to TCeSA

Forty ATMA trainee farmers from Thiruvallur district visited Thanjavur Centre for Sustainable Aquaculture, Thanjavur on 21.12.2020. Dr.V.Senthilkumar, Assistant Professor and Head i/c delivered a lecture on "Freshwater Ornamental Fish Culture" for the farmers. The classification of freshwater ornamental fishes, feeding, breeding, and nursery rearing aspects was briefed for the farmers. The Economics and Marketing of Ornamental Fishes were highlighted. The farmers raised queries about the subsidy and credit facilities for the ornamental fish culture.