

**UNIVERSITY**

# NEWSLETTER

**TNJFU**

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



Dear Readers,

Wish you all a Happy New year and Happy Pongal. With the dawn of yet another year there is newer expectations and hope; we are truly born again. With the right direction and collective efforts, we can achieve whatever we envision for the year 2022. We have not only overcome a year of hurdles and hardships due to the deadly second wave of the Covid -19 but also made significant accomplishments in 2021, thanks to the dedication and resilience shown by all our staff for which I remain ever grateful. Put together all our constituent units including the lone KVK could organize 432 programmes that were 338 (33 online) training programmes, 43 technical webinars, 20 (1 online) awareness and 31 (8 online) other programmes. Despite lockdown, postgraduate research was well facilitated and all our students could complete their degrees with only a minor delay. Our faculty staff submitted 109 proposals for funding support and had won 9 projects worth 7.83 crores; a success rate of only 8.26% which I am sure would be improved in the coming years. The good news is that most of these were won by our young band of enthusiastic assistant professors. This year also our undergraduates made us proud winning 38 seats in the AIEEA – PG 2021 of the ICAR. Two patents granted this year. Staying positive is one good way of managing the current crisis. We need to focus on nicer things and learn to stop by and appreciate all the good that happened despite the trying times.

All our major units were vibrant in December actively engaged in organizing competitions for students, technical and soft-skill trainings, awareness meets, observance of days of national and international importance on physical mode. I congratulate everyone, especially the deans, for the enthusiasm and wish we continue doing more despite emerging uncertainties.

We have achieved 100% vaccination in the University, however, the pandemic is not over yet. Another surge is seen of late and I request all to exercise extreme caution and follow appropriate behaviour with the learnings of the past to tide over the third wave. We need to support the government whole-heartedly in the efforts to overcome the crisis. As much as possible, we shall bring out the required awareness in the society as it is not anyone's problem but everyone's. Being careful will help but not being worried. "Worried well syndrome" might weaken our immunity. Let us be aware of the bad but focus on the good and march towards our best. Good luck in 2022.

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

## VC EVENTS

### Meeting at District Collectorate

The Vice-Chancellor, TNJFU participated in the meeting conducted by the District Collector at the District Collectorate, Nagapattinam on 09.12.2021 along with Dr.M.Rajakumar, Director of Extension Education for providing inputs on the proposal of establishing "Nagore Neithal Park" by the Government of Tamil Nadu.

### Postgraduate admission counselling at Dr. MGR FC&RI, Ponneri

Counselling for the admission to Postgraduate courses (Masters and Doctoral) for the year 2021-22 was conducted at Dr. MGR Fisheries College and Research Institute, Ponneri on 09.12.2021 and 10.12.2021. The Hon'ble Vice-Chancellor handed over the admission letter to the selected candidates on 10.12.2021. Dr. P. Jawahar, Chairman, PG Admission Committee, and Deans of the constituent colleges organized the programme.



### Meeting for the ICAR Ranking of TNJFU



The Hon'ble Vice-Chancellor, TNJFU conducted a meeting on AURS for improving the ICAR Ranking of TNJFU at the Board Room, Tamil Nadu Dr. J. Jayalalithaa Fisheries University,

Nagapattinam on the forenoon of 15.12.2021. All Deans and Directors participated.

### University Officers Meeting



The Hon'ble Vice-Chancellor, TNJFU conducted the 48<sup>th</sup> University Officers meeting at the Board Room, Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam on the afternoon of 15.12.2021.

### Review Meeting by the Chief Secretary

The Hon'ble Vice-Chancellor, TNJFU participated in the Review Meeting conducted by the Chief Secretary to Government, Government of Tamil Nadu at the Secretariat, Chennai on 17.12.2021.

### Meeting with Executive Members of AFSIB

The Hon'ble Vice-Chancellor conducted a meeting with the Executive Members of AFSIB, along with all Chairmen of

the Committees of IFAF on 18.12.2021 in Chennai for hosting the 12<sup>th</sup> Indian Fisheries Aquaculture Forum (IFAF) by the TNJFU in Chennai.

### Land inspection in Thiruvannamalai District

The Hon'ble Vice-Chancellor visited Thiruvannamalai District for inspecting the land allotted for TNJFU at Chengam on 19.12.2021 along with the Director of Extension Education, Director of Sustainable Aquaculture and Estate Officer-in-charge, TNJFU.



### 45<sup>th</sup> Vice-Chancellors' Convention of IAUA

The Vice-Chancellor participated in the 45<sup>th</sup> Vice-Chancellors' Convention organized by the Indian Agricultural Universities Association (IAUA) on 20.12.2021 online mode.

### Meeting at State Planning Commission

The Vice-Chancellor, TNJFU participated in the Pre-TANII Meeting for the year 2022-2023 (First Round) at the Conference Hall, State Planning Commission, Chennai on 21.12.2021, where one of our proposals was presented by Dr.N.Jayakumar, Associate Professor.

### AIIRLIVAS – First Project Monitoring Committee Meeting

The Vice-Chancellor, TNJFU participated in the First Project Monitoring Committee Meeting of the AIIRLIVAS project, conducted by the Hon'ble Minister for Fisheries and Fishermen Welfare at the Old Conference Hall, Secretariat, Chennai on 22.12.2021.

### Video Conference organized by Raj Bhavan

The Vice-Chancellor participated in the Video Conference conducted by the Hon'ble Governor-Chancellor with all the Vice-Chancellors of State Universities of Tamil Nadu on the forenoon of 28.12.2021. The Vice-Chancellor presented the programmes conducted and to be organized by various constituent units of the University towards Azadi Ka Amrit Mahotsav.



### NADP Review Meeting

A review meeting was conducted by the Hon'ble Vice-Chancellor at the Board Room, TNJFU, Nagapattinam on the afternoon of 28.12.2021, to review the physical and financial

progress of the ongoing NADP projects (2019-20 to 2021-22). All Principal Investigators of NADP projects presented the status report, Director of Research in charge was present.



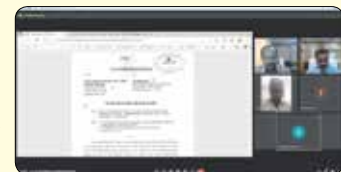
### 17<sup>th</sup> Meeting of the Academic Council

The Vice-Chancellor, TNJFU chaired the 17<sup>th</sup> Meeting of the Academic Council through virtual mode on 30.12.2021.



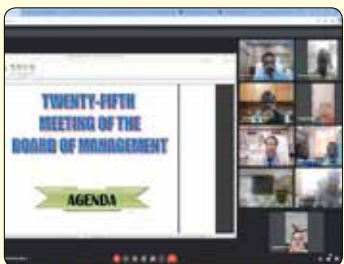
### 13<sup>th</sup> Meeting of the Finance Committee

The Vice-Chancellor, TNJFU chaired the 13<sup>th</sup> Meeting of the Finance Committee through virtual mode on 30.12.2021.



### 25<sup>th</sup> Meeting of the Board of Management

The Vice-Chancellor, TNJFU chaired the 25<sup>th</sup> Meeting of the Board of Management through virtual mode on 30.12.2021.



## COLLEGE NEWS

### Fisheries College & Research Institute, Thoothukudi World Soil Day:

World Soil Day was celebrated on 03.12.2021. Dr. P. Padmavathy, Professor and Head, welcomed the gathering. Dr. N.V. Sujathkumar, Dean i/c delivered the presidential address. A total of 29 farmers from the Thoothukudi district participated. Dr. V. Rani, Associate Professor, proposed the vote of thanks.



### Agricultural Education Day:

An essay writing competition in Tamil and English was conducted in view of Agricultural Education Day on 03.12.2021 with the theme "Role of Agricultural Education in augmenting Indian Economy". In the Tamil category, Mr. Ernest E Leage of I B.F.Sc. won the first prize. In English, Mr. Madhav of III B.F.Sc., Ms. Mahalakshmi (III B.F.Sc.), and Ms. Uma Maheshwari (III B.F.Sc.) secured first three places, respectively. Dr. N.V. Sujathkumar, Dean i/c distributed the certificates to the winners.



### Awareness Programme :



An awareness programme on "Sexual Harassment of Women at Work Place" was conducted by Vikasa Committee among the all-women staff of Fisheries College and Research Institute, Thoothukudi on 09.12.2021. Dr. T. Sakthika, Assistant Professor, Department of Zoology, APC Mahalakshmi College for Women, Thoothukudi delivered a special lecture on "Sexual harassment of Women".

### Soft-Skill Programme:



A one-day special programme on "Team Building" was organized for the III B.F.Sc. students on 09.12.2021 at the Pearl City Academy for Leadership and Management Skills centre (PALMS), Thoothukudi. Mr. D. Senthil Kannan, Director, and Mr. Thanikai Vel Pandian, of PALMS, Thoothukudi conducted an interactive session. A total of 65 undergraduate students participated in the programme.

### Poetry Writing Competition :

As part of Commemoration / Celebration of 75<sup>th</sup> Anniversary of India's Independence Day (Azadi Ka Amri Mahotsav), a poetry writing competition on the theme "I Love My Nation" was conducted among college students of Thoothukudi town.

A total of 15 colleges have participated. Ms. Dhanushiya from Kamaraj College, Ms. A. Evangeline Jennifer from VOC College and Mr. A. Arputharaj from Popes College won the first, second and third places respectively.



### Awareness Training Programme:

Under the funding support of Entrepreneurs Development Innovation Institute (EDII), Chennai organized a two one day awareness training programme on "Entrepreneurship in Marine Products" on 14.12.2021 and 15.12.2021 for the benefits of the students of St.Xavier's Catholic College of Engineering, Nagercoil. A total of 114 beneficiaries from St.Xavier's Catholic College of Engineering attended this training programme. The function was presided over by Dr. N.V. Sujathkumar, Dean in charge. The trainees visited the EDII- Marine Products incubation forum of the Department of Fish Processing Technology to know about the incubation facilities. Dr. P. Ganesan, Project Co-ordinator, organized this training programme.



### Awareness Programme:



An online awareness programme on "Intellectual Property Rights" was organised for a total of 145 UG and PG students on 23.12.2021. This programme was organised in collaboration with the

Examiner of Patents and Designs, Patent Office, Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, Chennai under the programme National Intellectual Property Awareness Mission (NIPAM). A detailed lecture on IPR was delivered to the students by Mr.A.Seetharaman, Examiner of Patents and Designs, Patent Office. Dr.N.V.Sujathkumar, Dean i/c of FC&RI, Thoothukudi delivered the presidential address to the participants and he highlighted the importance of the knowledge about the invention and its transformation into intellectual assets.

### Dr. M.G.R Fisheries College and Research Institute, Ponneri Training Programme:



Three, two-day training programmes on "Advanced limited water exchange technologies" on 01.12.21 & 02.12.21, 07.12.2021 & 08.12.2021 and 20.12.2021 & 21.12.2021 were conducted respectively. A total of 150 participants participated.

### Systematic Voters Education and Electoral Participation programme:



The Students Association and NSS unit organized the "Systematic Voters Education and Electoral Participation Programme – (SVEEP)" on 22.12.2021 at Kolathumedu fishing Village, Pazhaverkadu. The student's rally was

inaugurated by Mr.P. Selvam, Revenue Divisional Officer, Ponneri in the presence of Mr.K.Velan, Assistant Director of Fisheries, Ponneri. Mr. R. Velmurugan, NSS Programme officer coordinated the entire programme.

### Training programme:



NFDB funded one-day training on "Deep-sea fishing Techniques for small scale scheduled caste fishermen of Pulicat coast" was conducted on 29.12.2021. Dr.B.Ahilan, Dean i/c inaugurated. Mr.M.Kalaivasan, Assistant

Professor, DIVE, Ramanathapuram, and Mr. Johnson from Thoothukudi were the speakers. 100 fishermen from the Pulicat coast participated.

### Awareness programme:

A one-day awareness programme on "Fisheries Technologies for alternative livelihoods" was conducted in collaboration with MANAGE, Hyderabad at Kolar Village, Thiruvallur District on 30.12.21. Mr. V. Kumar, President, Kolar Panchayat inaugurated. Dr. N. Muralidharan, and Mr. K. Masilan AP, DFPT delivered lectures. Mr. G. Ajay Anand, Assistant Director of Fisheries,



Royapuram explained various schemes and subsidies for fish farming and fish product development.

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

### Training programme:



A two-day training programme on "Contemporary Value-added Fish products" under the NADP project was held on 02.12.2021 and 03.12.2021. A total of 25 participants attended the training.

### Agricultural Education Day - 2021

The agricultural education day was celebrated on 3<sup>rd</sup> December and created awareness among the students of Government Higher Secondary Schools, Thalainayeru and Vaiyapuriyar Higher Secondary School, Manakudi on 03.12.2021. A talk on "The importance of Agricultural education and the courses offered by Tamil Nadu Dr. J. Jayalalithaa Fisheries University was given.



### Skill Development Programme:



The NFDB (SCSP) sponsored 3 day skill development programme to 50 nos. of scheduled caste farm women on "Value-added products from freshwater fishes as an income-generating activity for farm women" was organized from 28 to 30 December 2021. Dr.V. Alamelu, Assistant Professor, Mr. V. Vijayarahavan Assistant Professor and Mr. Manazhagan, Food Safety Officer, handled technical sessions.

### Tutorial Classes :



A five-day tutorial class for students for preparing for National and International competitive examinations under ICAR DG was conducted. The Dean, Dr. S. Balasundari inaugurated

the tutorial classes on 06.12.2021. The sessions were handled by resource persons from Kalangarai IAS Academy, Nagapattinam.

### Awareness programme :



An awareness programme on "Water quality management in fish culture" to fish farmers was organised on 06.12.2021. The programme was started with the welcome address by Dr. S. Balasundari, Dean which followed technical sessions. A total of 25 emerging fish farmers from Maruthur Village, Vedaranyam Taluk, Nagapattinam district attended.

### World Soil Day Celebration

"World Soil Day-2021" was celebrated on 06.12.2021. The day was celebrated with the theme of "Soil quality management in fish culture" aimed to impart knowledge about

the care and maintenance of soil quality in the fish culture practices. Twenty-five emerging fish farmers attended the programme.

### Awareness programme:

An awareness lecture was arranged for the women teaching, non-teaching and supporting staff and girl students on 09.12.2021. Mrs. Karpagavalli, Advocate (Civil and Criminal) delivered a special online lecture on sexual harassment of women in working places and its prevention and redressal measures.



### Awareness Programme:

One day MANAGE, Hyderabad sponsored Awareness Programme to Scheduled Caste Fisherman, Farmers, Youth and Women on "Hygienic Production, Packing, Branding and Quality Certification of Fresh and Dry Fish" to 50 beneficiaries was organized on 17<sup>th</sup> December 2021. Dr.S.Balasundari, Dean inaugurated the awareness programme. Dr.V.Alamelu, and Mr. V. Vijayarahavan, Assistant Professors and Mr. Manazhagan, Food Safety Officer explained the importance and procedure to ensure quality certification of fresh and dry fish.



### Capacity Building Programme:

A three-day capacity building programme was organised on "Marine and freshwater aquaculture Marketing System and Distribution Channels" from 20.12.202 to 22.12.2022 funded by MANAGE, Hyderabad. Dr. S. Balasundari, Dean inaugurated the programme and gave an insight. Mr. P. Yuvarajan, Assistant Professor coordinated the Programme. A total of 50 scheduled caste fishermen, farmers, youth and women have attended.



### Awareness campaign:

One day NFDB (SCSP) sponsored awareness campaign to scheduled caste fishermen/fisherfolks on "Recent advances in production, packing, branding, and quality certification of cured and



dried fishes" to 100 beneficiaries was organized at Vedaranyam on 27<sup>th</sup> December 2021. Mr. Ramaian, Village President inaugurated the awareness programme. Faculty briefed on recent advances in the hygienic production of cured and dried fishes and types of cured and dried fish products.

#### Training programme:



Shed light on "Unsung water and soil quality parameters in shrimp farming" by conducting a two-day on-campus training programme on 28.12.2021 and 29.12.2021. Hands-on experience in

analyzing parameters was also provided to the participants.

#### People's Campaign against throwaway Plastics:



To create awareness on "Non-usage of throw away plastics", an awareness programme was conducted on "Prevention of ghost gears and nets" on 27.12.2021 at Vedaranyam fishing village. Cloth bags were distributed to customers. The campus cleaning programme was conducted on 28.12.2021.

#### College of Fisheries Engineering District 1<sup>st</sup> in State Level Online Quiz Competition

Mr. S.K. Chrispin Binesh, final year B.Tech (Fisheries Engineering) student has won district first prize with a cash prize of Rs.5000/- in Nagapattinam in the online quiz competition conducted by the Tamil Nadu State AIDS Control Society (TANSACS). Dean i/c and staff have congratulated.



#### Second Prize in International Conference:



Mr. Dhiravian G S, III Year B.Tech (Energy and Environmental Engineering), has won second prize in the competition of Equivocal on spot topic of Remote sensing in the International Conference on Emerging Green Energy Technologies

and Environmental sustainability organised by Tamil Nadu Agricultural University on 20.12.2021 at Agricultural Engineering College and Research Institute, Coimbatore.

#### World AIDS Day 2021:

As a part of the World AIDS Day celebration, an awareness programme on "END INEQUALITY; END AIDS" was conducted on December 1, 2021. The Dean CoFE presided and honoured the chief guest Mr. N. Senthil Kumar, Consultant, District Head Quarters Hospital, Nagapattinam and Mr. Thirumeni, District



Supervisor, Poraiyaar. On this day, various competitions such as Elocution, Essay, Drawing and slogan writing were conducted and the winners were issued with certificates.

#### Institute of Fisheries Postgraduate Studies Beach cleanup:



Students participated in the "Beach cleanup" event organized by M/s. *Environmental Foundation of India (EFI)*, a not-for-profit trust. The event was coordinated by Mr. Akash Akadeesh, NSS Secretary, Dr. S. Prakash, Assistant Professor and NSS Coordinator (IFPGS) and Dr. E. Suresh, Assistant Professor & Vice President, Students' Association.

#### World Soil Day Celebration:

An essay competition on "Soil and Its importance in well being of humans" for students was held on 05.12.2021 to mark world soil day. The Dean Dr. S. A. Shanmugam spoke about the importance of Soil and the reason for celebrating World Soil Day. The guest speaker, Dr.Jegan Sekar, Scientist from M.S. Swaminathan Research Foundation, Chennai has deliberated the importance of soil and its microbiome and its role in increasing productivity to an ever-increasing population.

### DIRECTORATES

#### Directorate of Extension Education Celebration of World Soil Day:

World Soil Day was jointly organized with the Department of Agriculture and Tamil Nadu Rural Transformation at Pushbavanam village and Sangamangalam village on 03.12.2021 and 04.12.2021 respectively.



Mr.S.Panneerselvam, JDA, Mrs.Sarojini, Mr.S.Naveenkumar, ADAS, Mr.V.Sundarapandiyar, DEO, TNRT, Nagapattinam and Dr.V.Kannan, SMS (Agronomy), Dr.S.Muthukumar, SMS

(AH), Dr.K.Chandrasekaran, SMS (Entomology) KVK, Nagapattinam delivered lectures. Totally 141 farmers participated. 25 nos. of Soil Health Cards and tree saplings were distributed to the farmers.

#### Webcasting:



ICAR-Krishi Vigyan Kendra, Nagapattinam organized "Webcasting of the Honourable Prime Minister live interaction with farmers on natural farming and farmer's interaction programme on 16.12.2021

at KVK. Totally 80 farmers including KVK Staff, Students participated.

#### Jai Jawan Jai Kisan:

National Campaign on "Jai Jawan Jai Kisan" programme and "Kisan Diwas" (Farmers day) programme were organized on 23.12.2021 at Krishi Vigyan Kendra, Nagapattinam.



Dr.V.Kannan, SMS (Agronomy) imparted lectures on Organic farming practices, Dr.S.Muthukumar, SMS (Animal Husbandry) explained about IFS technologies, Mr.K.Ragu, SMS (Horticulture) delivered lectures on Roof Top Garden

and Dr.K.Chandrasekar, SMS (Agri. Entomology) explained the KVK activities to 71 participants including farmers and college students.



#### Observance of Swachhata Pakhwada:

Observances of Swachhata Pakhwada – Cleanliness Drive was conducted from 16.12.2021 to 31.12.2021 at the KVK campus and also in farmer's holdings. Totally 345 farmers and KVK

Staff, College students and farm labourers participated.

#### Capacity Building Training:

Capacity building training on dairy farming for Women Entrepreneurs was conducted at Palaiyur, Nagapattinam from 13.12.2021 to 17.12.2021. 30 dairy cooperative women farmers participated. Mr.Raja, EO (TNRTP), Dr.M.Kathirchelvan, FTC, Thiruvarur, Dr.M.Sabapathi, SMS (Veterinary), KVK, Thiruvarur, Dr.B.Gobu, SMS (Veterinary), KVK Mathur and Dr.A.Amuthasurabhi, Professor, IIFPT, Thanjavur,



Dr.G.Rajarajan, VC&RI, Orathanad and Dr.S.Muthukumar, SMS (AH), Dr.K.Chandrasekar, SMS (PP), Dr.A.Mathivannan, SMS (FPT), KVK, Nagapattinam were delivered lectures. The exposure visit was arranged to Hi-Tech Dairy farms at KVK, Madhur and KVK, Nagapattinam.

#### Directorate of Sustainable Aquaculture

##### Training programme:

KKPCeSA, Parakkai organized a training programme on Value-added fishery products for three days from 29.12.2021 to 31.12.2021. Mr. P.Velmurugan, Assistant Professor, highlighted the importance of value-added fishery products. Faculties of KKPCeSA delivered lectures.



A pamphlet on Value-added fishery products was distributed to the trainees along with certificates.

##### MCeSA

Mr. R. Dinesh, Assistant Professor, gave a talk on "Innovations in Aquaculture." to students about technological advancements in finfish farming at the institute of Jehovah Shamma Centre for Marine and Wildlife Research, Ramanathapuram on December 17, 2021. A total of 72 students took part.

##### KBCeSA

A Scientist-Farmer Interaction meet was conducted at KBCeSA, Barur on 10-12-2021. A total of 42 farmers attended the meeting and discussed it with the faculties of the Directorate of Sustainable Aquaculture.

Students of 11<sup>th</sup> and 12<sup>th</sup> standards from Govt. Higher Secondary School, Barur, visited. The lecture on "Introduction to Fish and Fisheries" was delivered to the students by Assistant Professor, KBCeSA, Barur.



#### Directorate of Incubation and Vocational Training in Aquaculture

##### Special campaign:



To observe International Day of Disabled Persons, National Institute for Empowerment of Persons with Multiple Disabilities (NIEPMD),

Muttukadu conducted a special campaign in coordination with the Directorate of Incubation and Vocational training in Aquaculture (DIVA), Muttukadu on 17.12.2021.

From

**Director of Extension Education  
Tamil Nadu Dr. J. Jayalalithaa  
Fisheries University  
Vettar River View Campus,  
Nagapattinam - 611 002.**

To

### Campaign against throwaway plastics and "Meendum Manjappai"



The student's campaign was conducted by the Para-professional Institute of Aquaculture Technology, Muttukadu against throwaway plastics and "Meendum Manjappai" on 27.12.2021.

### Directorate of Incubation and Vocational Training in Fisheries

Two one-day on-campus training programme on "Care and Maintenance of Marine Engines" was organised from 13.12.2021 and 14.12.2021. Mr.E. Kathavaraiyan, Deputy Director of Fisheries, Ramanathapuram participated as the Chief Guest. Mr.A.Sivaramachandran, Assistant Director of Fisheries, Rameshwaram delivered felicitation address. Mr. Rameshbabu, Inspector of Fisheries, delivered a vote of thanks. Dr.N.Neethiselvan, Director, Mr.Kalaiarasan, Assistant Professor and Mr.A.Sivasudalaimani, Automobile Engineer of the DIVF served as resource persons. A total of 100 fishermen participated.



### University Programmes

#### Observance of Human Rights Day :

All the constituent units of TNJFU observed the Human Rights day pledge on 10.12.2021.

### Research Publications

N. Jesintha, N. Jayakumar, K. Karuppasamy, B. Ahilan, D. Manikandavelu, A.Uma, K. Madhavi., (2021)., "An Annotated Checklist of Finfish and Shellfish Diversity of Pulicat Lake, Southeast Coast of India", Indian Journal of Animal Research", pp, 1-8. (DOI: 10.18805/IJAR.B-4740) (NAAS Rating: 6.44).

P. Manojkumar, L. Ranjith, K. Karuppasamy and K. P. Kanthan (2021)., "Fishery, population characteristics and

stock status of the bigeye thresher *Alopias superciliosus* Lowe, 1841 off Thoothukudi, South-east coast of India", Indian J. Fish., 68(4): 14-21. (DOI: 10.21077/ijf.2021.68.4.108637-02) (NAAS Rating: 6.44).

Uma, A, Pathinathan Philominal, Elangovan Prabu, Mohamed SaiyadMusthafa.,(2021). "Dietary Bougainvillea glabra leaf meal on growth, haemato – biochemical responses and disease resistance in Nile tilapia, *Oreochromis niloticus* against *Enterococcus faecalis*". Aquaculture Vol:549. (DOI:10.1016/j.aquaculture.2021.737806)(NAAS – 9.22).

Santhoshkumar, S., Jawahar, P., Srinivasan, A., Jayakumar, N., Subburaj, A; Finfish Bycatch Diversity of Trawl Fishery of Nagapattinam Coast, Tamil Nadu, South India. ; Indian Journal of Animal Research IJAR.B-4716 (NAAS Rating: 6.40).

#### Patent granted:

Title of the invention: Multiplex PCR Assay for authentication of processed *Portunus pelagicus* and *Portunus sanguinolentus* (No.384288, dated 14.12.2021 - Inventors: Dr. G. Jeyasekaran, Mr. Dineshkumar and Dr. R. JeyaShakila).

#### New Schemes sanctioned:

##### > ICAR under NICRA

1. Deciphering genomic insights associated with adaption in *Etroplus suratensis* (Pearl Spot) for Climate Resilient Aquaculture – PI - Dr. Deepak Agarwal, Assistant Professor, IFPGS, Vaniyanchavadi - Rs.33.50 lakhs
2. Climatic changes and their role in the emergence of antibiotic-resistant *Salmonella* in farmed shrimp and its environment – PI - Dr.R.JeyaShakila, Professor & Head, DFQAM, FC&RI, Thoothukudi - Rs.34.75 lakhs

##### > State Planning Commission under TNSLURB

1. Development of dry land integrated biofloc tank and farm pond polyculture system for adoption in fallow land region of Salem District – PI-Dr.P.Chidambaram, Professor, Dept. of Aquaculture, Dr.M.G.R.Fisheries College and Research Institute, Ponneri - Rs. 11.18 lakhs
2. Cost-effective captive breeding technology for *Channa striata* (Striped Murrel) for field-level adoption' – PI - Dr. Mahadevi, Assistant Professor, Dept. of Aquaculture, Dr.M.G.R.Fisheries College and Research Institute, Ponneri - Rs. 21.73 lakhs

**"சோதனை கடந்து சுதந்திரம் அடைந்தோம்  
சாதனை புரிந்து சரித்திரம் படைப்போம்."**