



TAMIL NADU Dr.J.JAYALALITHAA FISHERIES UNIVERSITY

SELF-STUDY REPORT FOR UNIVERSITY PART I



**TAMIL NADU Dr.J.JAYALALITHAA FISHERIES UNIVERSITY
NAGAPATTINAM – 611 002
TAMIL NADU**

2021

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6.6. Self-study report of Agricultural University

6.6.1. University Governance

6.6.1.1. Vision, Mission and Goals: Whether the University has published vision document and has developed the plan of implementation with time frame and proposed financial arrangement? Whether the University has planned, developed, implemented, and evaluated intentional and purposeful programs/services that may facilitate students and other stakeholders of the University provide one paragraph for each.

The University has published a Vision document with roadmap and plan of implementation. **(Annexure 1).**

The University has planned, developed, and implemented programs/services that are useful for the students (s.no.6.5.4.1 to 6.5.4.9, 6.5.7.1 to 6.5.7.4, 6.6.6.1 to 6.6.6.5) and other stakeholders (s.no.6.6.3.3. to 6.6.3.5., 6.6.4.1. to 6.6.4.6.).

6.6.1.2. Statutes and Regulations: Provide list of Statutes and Regulations published in the gazette notification and being implemented by the University for administration and planning.

The following are the list of Statutes and Regulations of the University published in the gazette and being implemented by the University **(Annexure 2).**

S.no.	List of gazette notification	Remarks
1.	Ms.no.145, 01.06.2012	Tamil Nadu Fisheries University Act, 2012
2.	Ms.no.46(5), 26.02.2014	Amendment to Act of Tamil Nadu Fisheries University
3.	Ms.no.228, 12.11.2014	Statutes of Tamil Nadu Fisheries University
4.	Ms.no.73, 15.03.2016	Regulations of Tamil Nadu Fisheries University

6.6.1.3. University Statutory officers and their selection process: Provide list of the statutory officers sanctioned in the Act, present position, their mode of appointment (selection/nomination), joining date, tenure. Please provide the reason of those statutory officers who have not been appointed so far.

S. no.	Name of the position (sanctioned in the Act)	Name of the Officer (at present)	Present Position	Date of appointment	Tenure	Mode of appointment
1.	Vice-Chancellor	Dr.G.Sugumar	Vice-Chancellor	10.09.2020 FN	Three years	Selection
2.	Registrar	Dr.A.Srinivasan	Registrar in charge	12.09.2018 AN	Three years	Selection

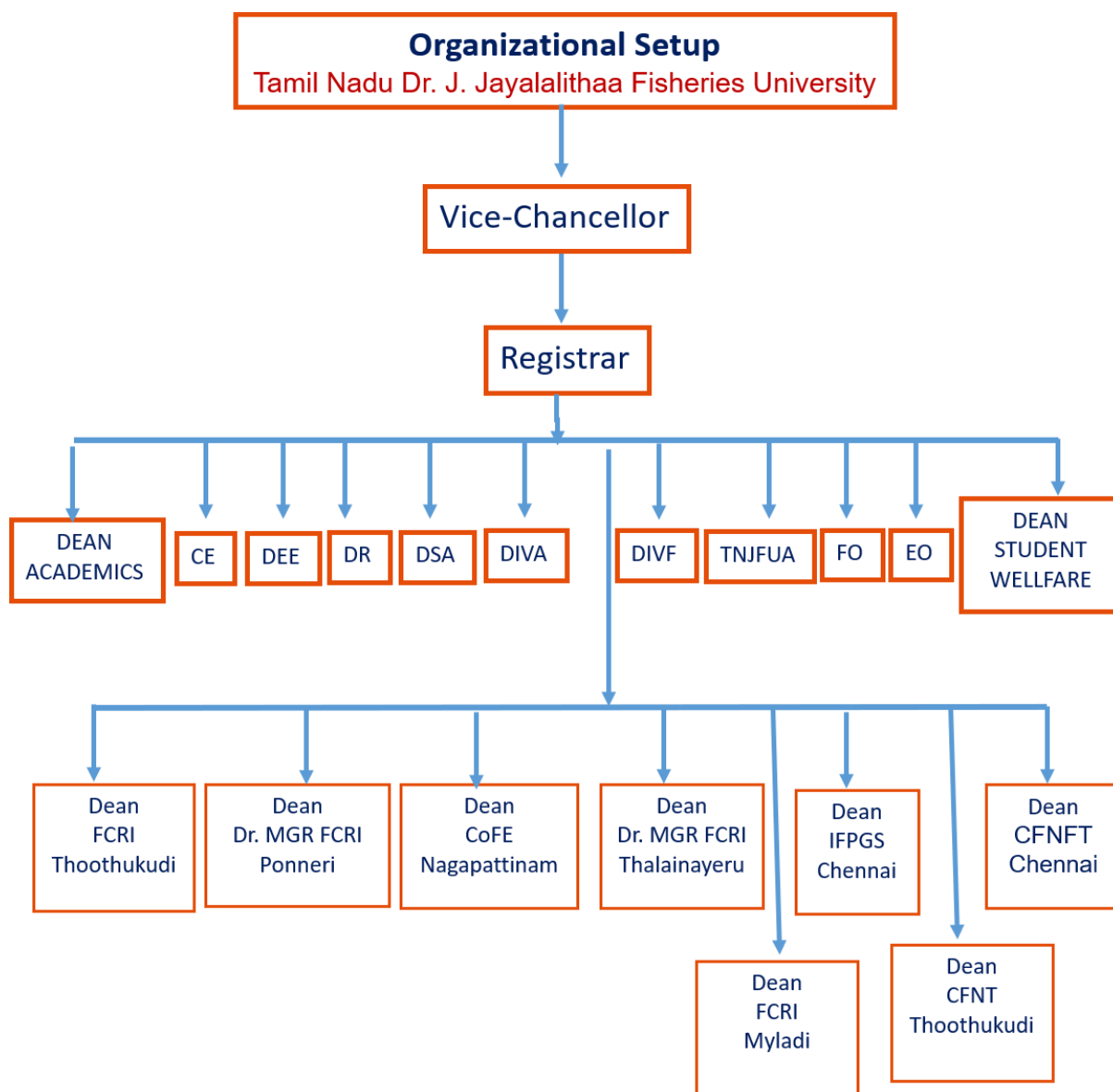
3.	Director of Research	Dr.G.Jeyasekaran	Director of Research in charge	12.09.2018 AN	Three years	Selection
4.	Director of Extension Education	Dr.M.Rajakumar	Director of Extension Education	26.11.2019 AN	Three years	Selection
5.	Controller of Examinations	Dr.P.Jawahar	Controller of Examinations	26.11.2019 AN	Three years	Selection
6.	Finance Officer	Th.V.S.Anbarasu	Finance Officer	02.12.2020 FN	Deputation	Nomination
7.	Estate Officer*	Th.C.Nambirajan	Estate Officer	Contractual	--	Nomination
8.	Dean, FCRI, Thoothukudi	Dr.B.Sundaramoorthi	Dean	26.11.2019 FN	Deceased on 29.04.2021	Selection
		Dr.N.V.Sujathkumar	Dean i/c	29.04.2021 FN	-	Nomination
9.	Dean, Dr.M.G.R. FCRI, Ponneri	Dr.B.Ahilan	Dean, i/c	12.09.2018 AN	Three years	Selection
10.	Dean, Dr.M.G.R. FCRI, Thalainayeru	Dr.S.Balasundari	Dean	26.11.2019 AN	Three years	Selection
11.	Dean, CoFE, Nagapattinam **	Dr.N.Manimehalai	Dean i/c	21.06.2021	--	Selection

*This post is normally officiated by Officers nominated and deputed by the State Government. However, due to no officers could be deputed from the State Government that post has been filled with retired Superintendent Engineer of PWD, Government of Tamil Nadu.

**Although the post was advertised for 3 times, no suitable candidate applied for this post. Therefore, it is kept vacant.

6.6.1.4. Decentralization of power: Decentralized systems are those in which central entities play a lesser role in any or both of fiscal and administrative dimensions in the agricultural universities. The information on financial autonomy and sanctioning power to the Dean and other officers of the University shall be provided. Whether the necessary administrative powers have been delegated to the statutory officers of the University? Provide the list.

The University is functioning with different constituent units that are administered by individual officers both fiscal and system management. The official hierarchical positions in the University is given below.



The administrative and financial power of the University officers is given in Regulations of the University Annexure XI to XIV (**Annexure 3**).

The University is functioning as a decentralised administrative organization.

The financial powers of the Deans of Colleges, Directors, and Head of the Departments of different institutes are given in **Annexure 3**.

6.6.1.5. Supporting Units: Whether the University has established Maintenance cell, SC/ST Cell and Health facility and what is the present mode of functioning of these units to support the student, staff and University infrastructure?

Yes. The University has the following cells that work for the particular purpose.

Name of the cell	Mode of functioning
Maintenance cell	Maintenance of the buildings and other physical facilities of the University is done by the Estate Officer, TNJFU, as given in the Annexure 4 .
SC/ST Cell	Issues of specific nature addressed as and when appeal came to the Cell. The present committee composition is given in the Annexure 4 .
Grievances redressal cell	Grievances addressed based on the appeals to the Cell. The present committee composition is given in the Annexure 4 .
Health Facility	The facility is created at College of Fisheries Engineering which is situated in the University Headquarters. The staff and students utilise the facility and doctor visits the facility periodically as given in the Annexure 4 .

6.6.1.6. Technology Support: Information on Classroom technology (e.g., technology in rooms, computer labs), online learning tools, internet/Wi-Fi connectivity, student systems (e.g., online enrolment), business applications, computer help (e.g., setup for email, firewalls) and password resets being implemented at the University level. A brief note shall be provided.

Dr.MGR Fisheries College & Research Institute, Ponneri

There are six SMART classrooms each with a capacity to accommodate 60 students per batch of the UG degree programme. For UG degree programme, in addition to the dedicated UG laboratories in all the seven departments, there are other advanced laboratories through which students are being taught advance technologies of the respective departments.

SMART UG CLASS ROOMS:

Batch	Area	Seating Capacity	Facilities
I B.F.Sc	910 Sq. Feet	65	LCD projector Smart board CCTV surveillance Green board
II B.F.Sc	910 Sq. Feet	65	
III B.F.Sc	910 Sq. Feet	65	

IV B.F.Sc	910 Sq. Feet	65	Podium Window screen Wi-fi
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Fisheries College & Research Institute, Tuticorin

No. of UG Classrooms – 3

Batch	Area	Seating Capacity	Facilities
I B.F.Sc	910 Sq. Feet	70	LCD projector
II B.F.Sc	910 Sq. Feet	70	CCTV surveillance
III B.F.Sc	910 Sq. Feet	70	Green board, Podium Wi-fi



College of Fisheries Engineering, Nagapattinam

There are four SMART classroom with a capacity to accommodate 40 students of the UG degree programme. For UG degree programme, in addition to the dedicated UG laboratories in all Six departments, there are other advanced laboratories through which students are being taught advance technologies of the respective departments.

A. SMART UG CLASS ROOMS:

Batch	Area (Square feet)	Seating Capacity (Numbers)	Facilities
I B.Tech	715.37	40	a. LCD projector b. Smart board c. CCTV surveillance d. Green board e. Podium f. Window screen g. Wi-fi
II B.Tech	578.56	40	
III B.Tech	578.56	40	
IV B.Tech	715.37	40	



Smart Classroom

6.6.1.7. Institutional Data Base and Website Update: Whether the institutional extensive database of general and specific programs in partnering with peer universities, research institutions and government agencies are available in order to facilitate a wide variety of intellectual interactions and exchanges? Mention periodicity of Website updating.

The University website provides link for all constituent units of TNJFU and the training programmes going to be offered and conducted programmes. The University staff and college database are being updated once in a year whereas the periodical trainings, workshops and other details are updated as and when required by the constituent units in the TNJFU Website (www.tnjfu.ac.in).

6.6.1.8. Interdepartmental Linkages: Provide information on whether the University is currently adopting decentralized, participatory, adaptive and multifarious demand-supply side extension research-academics approach; involving public, private and third sector (civil society) in research and extension programmes and strengthening capacity of farmers, researchers and extension workers. Provide a note on interdepartmental linkages the University is currently having in practice. Is the University cultivating the collaborative culture within subject and across subjects?

The University is adopting decentralized, participatory and adaptive approach in consultation with State Fisheries Department and other line departments in the state as well as the University is having various councils (Academic Council, Research Council and Extension Education Council and the corresponding details also given in the section 6.6.2, 6.6.3. and 6.6.4.) in which stakeholders from various industries, institutes are serving as members. The University is conducting council meetings to interact with the members for strengthening the research, extension and academic programmes of the University.

University is working in close association with various other departments like agriculture, water resources department, Ministry of Food Processing, etc in collaborative and convergence project. There is a perfect inter-departmental links that serve as a channel for "fund in flow and knowledge outflow" method of functioning.

6.6.1.9. Monitoring Mechanism: Whether the University is following comprehensive curriculum monitoring mechanism including teachers' self-reflection, surveys on teaching effectiveness lesson observation, assignment inspection, examination papers review, appraisal system, and curriculum evaluation.

The University is monitoring the curriculum through the Board of Studies of the respective faculties. Deans of the Colleges are monitoring the staff and their performance in research, teaching, conducting exam, student learning, knowledge delivery, group dynamism and evaluation of students. Board of examination is specifically monitoring the students' performance in each exam. Reflection on the courses undergoing, surveys after finishing every semester on teaching effectiveness, assignment and records verification is also done by the Dean of the respective colleges. CCTV camera installed to monitor the teaching-learning process in the classroom.

6.6.1.10. Institute Quality Assurance Cell /PME Cell: Please mention establishment and the active functioning of both the cells and kind of outcome based assignment presently being carried out through these cells.

Name of the cell	Mode of functioning
Institute Quality Assurance Cell (IQAC)	The committee making suggestion on the development of Academic and administrative activities, maintaining institutional quality. The composition of the committee is given in Annexure 5 .

Project monitoring and Evaluation cell	University has constituted 3P, 4P Cell during the years 2017, 2018 and it was later modified as Project Appraisal Committee during the year 2020. The committee scrutinize and evaluate the projects from time to time as per the details given in the University proceedings. (Annexure 6).
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6.6.1.11. Collaboration with Academic Institutions and Industry: What type and how much collaboration are currently in place with academic institutions and industry? Does the University have some more proposal for the future collaboration? Give details with road map.

For the past 5 years, 52 Memoranda of Understandings (MoUs) were made with various stakeholders viz., academic institutes (Regional, National and International) and industries (fish/shrimp farms, processing plants, equipment/feed manufacturers and others). The MoUs were highly helpful for conducting on field trials and sending students for internships.

List of Memoranda of Understandings of Signed

A. International Universities /Institutes

1. Auburn University, USA
2. University of Las Palmas de Gran Canaria, Spain
3. James Cook University, Australia
4. Curtin University of Technology, Australia
5. Hawassa University, Ethiopia
6. Prince of Songkla University, Thailand
7. The University of Arizona, USA
8. Agriculture and Forestry University, Nepal
9. Shanghai Ocean University (SHOU), China
10. Asian Institute of Technology, Thailand

B. National Universities/ Institutes

1. ICAR-Central Institute of Fisheries Education, Mumbai
2. ICAR-Central Institute of Fisheries Technology, Cochin
3. ICAR-Central Institute of Brackishwater Aquaculture, Chennai
4. ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar
5. ICAR-Directorate of Coldwater Fisheries Research, Bhimtal
6. National Fisheries Development Board, Hyderabad
7. ICAR-National Academy of Agricultural Research Management, Hyderabad
8. National Institute of Ocean Technology, Chennai
9. Umbrella MoU with ICAR

10. Indian Institute of Technology, Kharagpur
11. National Institute of Agricultural Extension Management (MANAGE), Hyderabad
12. Indian Institute of Food Processing Technology, Thanjavur
13. ICAR-Central Island Agricultural Research Institute, Port Blair
14. ICAR-Central Institute of Post-Harvest Engineering and Technology, Ludhiana
15. Tamil Nadu Agricultural University, Coimbatore
16. Academy of Maritime Education and Training (Deemed to be University), Chennai
17. Agriculture Skill Council of India, Haryana
18. SASTRA Deemed University, Thanjavur
19. Vels University, Chennai
20. Satyabama Institute of Science and Technology, Chennai
21. Centurion University of Technology and Management, Paralakhemundi, Odisha
22. Velammal Engineering College, Chennai
23. Bishop Heber College, Tiruchirapalli
24. E.G.S. Pillay Engineering College, Nagapattinam
25. Kamaraj College, Thoothukudi
26. Holy Cross Home Science College, Thoothukudi
27. Annammal College of Education for Women, Thoothukudi
28. Sri Sivasubramaniya Nadar College of Engineering (SNN CE), Chennai

C. International Industries

1. M/s. Adisseo, France
2. M/s. Liptosa, Spain
3. M/s. Seribu Biosystems, Malaysia
4. M/s. BASF New Business GmbH, Germany
5. M/s. Ew Nutrition, Germany

D. National Industries

1. M/s. Chola Fish Seed Farm, Vaduvor, Thiruvavur Dt.
2. M/s. Aravind Fish Farms, Thirumeni Aeri, Mannarkudi
3. M/s. J.S.S Aqua Farms, Ponneri
4. M/s. VIBRAC Animal Health India Pvt. Ltd, Mumbai
5. M/s. Rajshree Biosolutions LLP, Coimbatore
6. M/s. Blue Lagoon, Pulicat
7. M/s. NAAF Aqua Farm Pvt.Ltd., Kolathur, Chennai
8. M/s. Yadavi Fish Farms, Melaikodi, Vellore District
9. M/s. Nandhini Fish Farms, Thanjavur
10. M/s. Sea6 Energy Pvt.Ltd., Bangalore
11. M/s. King Aquatic, Kolathur, Chennai
12. M/s. Certitude Farms, Nagapattinam
13. M/s. Jaishree Hatchery, Chennai
14. M/s. AlgalR Nutrapharms Pvt. Ltd., Thanjavur
15. M/s. CPF (India) Pvt. Ltd., Mogaipair, Chennai

16. M/s. Vishalakshi Marine Farms, Nagapattinam
17. M/s. P.S. Steel Boat Works, Nagapattinam
18. M/s. Madha Ice Plant and Boat Yard, Keechankuppam, Nagapattinam
19. M/s. Kemin Industries South Asia Pvt. Ltd., Chennai
20. M/s. Caprienzymes Technology Pvt. Ltd., Chennai
21. M/s. Royal Marine Impex Pvt. Ltd., Kavurivaripalem, Prakasam District, Andhra Pradesh
22. M/s. Kausalya Aqua Marine Product Exports Pvt. Ltd., Chennai
23. M/s. Abad Overseas Pvt.Ltd., Chennai
24. M/s. Danvantari Nano Ayushadi Pvt. Ltd., Chennai
25. M/s. Bharath Rhino Biotech, Thanjavur
26. M/s. S. Chitra Devi, Elavarmbedu, Ponneri
27. M/s. Kings Infra Ventures Limited, Cochin
28. M/s. Vel Natural Fibres, Tuticorin
29. M/s. Siva Neela Fish Farm, Mayiladuthurai
30. M/s. Bharath Aqua Farm, Nagapattinam
31. M/s. Salem Microbes Pvt. Ltd., Salem
32. M/s. Hi Shrimp Hatchery Proprietorship, Sulerikadu, Chennai
33. M/s. ShrimpeX Biotech Services Pvt. Ltd., Uthandi, Chennai
34. M/s. Golden Jubilee Biotech Park for Women Society, Siruseri, Chennai
35. M/s. J. M. Bioscience Pvt. Ltd., Nandanam, Chennai

As mentioned in the Vision and Roadmap of TNJFU given in s.no.6.6.1.1, future collaborations are being made.

6.6.2. Academic Support

6.6.2.1. Academic Council: Provide the composition and date of Academic Council Meetings held in last five years along with ATRs.

As per the TNJFU ASRR, chapter IV, section 23, the Academic Council shall consist of the following members, namely:

CLASS I - EX-OFFICIO MEMBERS.

- (a) The Vice-Chancellor ;
- (b) The Secretary to Government, in- charge of Fisheries; (c) Director of Fisheries;
- (d) The Dean of each College; (e) The Dean (Academic);
- (f) The Director Research;
- (g) The Director of Extension Education;
- (h) The Controller of Examinations; and
- (i) The Registrar.

CLASS-II OTHER MEMBERS.

- (a) Six members from amongst the Heads of Departments to be nominated by the Vice-Chancellor, on rotational basis;
 - (b) Three persons having special knowledge or practical experience in different aspects of Fisheries to be nominated by the Vice-Chancellor;
 - (c) One Dean of the Indian Council of Agricultural Research recognized Fisheries College;
 - (d) One Dean to be nominated by the Tamil Nadu Veterinary and Animal Sciences University;
 - (e) One Dean to be nominated by the Tamil Nadu Agricultural University;
 - (f) One Dean from Maritime Academy to be nominated by the Chief Executive Officer, Maritime Board;
- (2) The Vice-Chancellor shall be the ex-officio Chairman and the Registrar shall be the ex-officio Secretary to the Academic Council.
- (3) (a) The members of the Academic Council shall not be entitled to receive any remuneration from the University except such daily and travelling allowances as may be prescribed:

List of Academic Council Meetings conducted during last 5 years

S.no.	Academic Council	Date
1.	5 th Academic Council Meeting	29.12.2016
2.	6 th Academic Council Meeting	01.07.2017
3.	7 th Academic Council Meeting	20.07.2017
4.	8 th Academic Council Meeting	28.02.2018
5.	9 th Academic Council Meeting	23.07.2018
6.	10 th Academic Council Meeting	11.12.2018
7.	11 th Academic Council Meeting	22.07.2019
8.	12 th Academic Council Meeting	26.11.2019
9.	13 th Academic Council Meeting	24.12.2019
10.	14 th Academic Council Meeting	03.11.2020

The ATRs of academic councils are enclosed in **Annexure 7.**

6.6.2.2. Innovation and Best Practices: An innovative practice could be a pathway created to further the interest of the student and the institution for internal quality assurance, inclusive practices and stakeholder relationships. What are the innovative efforts of an institution that help in its academic excellence?

In the curriculum, there is a provision to inculcate softskills like swimming, yoga, physical education, sports, and first-aid etc in the form of non-credit compulsory courses. Also the students are encouraged to participate in several technical and extracurricular activities to further their interests. Students also made to have exposure visits to various stakeholders units such as farms, hatcheries, fish landing centres, drying yards, and related industries. The students are also motivated to make student research project schemes under TANSCST in order to innovate towards the fisheries research.

6.6.2.3. Library: Write about the University library (in one page) mentioning its space for stocking and reading, automation, library staff, library committee meetings, library management system, text books availability, subscription of research journals, periodicals, e-journals and other necessary state-of-the-art software/ programme, timing etc.

General

The Oval University library has been established with the plinth area of 21690 sq. ft. It has different facilities which include Book Section (2152.78 Sq.ft), Periodicals Section (2152.78 Sq.ft), Reference Section (300 Sq.ft), Journals section (300 Sq.ft), Farmers Library (260 Sqft), Reprography section (260 Sq.ft), Server Room (280 Sq.ft) and Computer Centre (2150 sq.ft) etc,.

Automation Facility

The Library is well managed by using Koha automation software with RFID Security System including self service kiosk.

Facilities

The Library is equipped with 24×7 wifi facility and LAN facility to access Open Public Access Catalogue (OPAC) for books, E-Journals and URKUND Plagiarism checking software.

Library Staff

The Library is at present well maintained with the help of One Library Assistant, one Computer operator and one Helper and one Sweeper cum scavenger.

Books

The books available in the library are in the field of Computer Science, Economics, Social Problems and Services, Language, Natural Science and Mathematics, Physics, Chemistry, Earth Sciences and Geology, Biology, Medicine and Health, Engineering (Mechanical, Electrical, Electronics, Energy and Environmental Engineering, Coastal Engineering), Agriculture(Aquaculture, Fish Technology, Mariculture) ,Construction and Literature. There are a total of 2353 number of books available including the reference books. The CD ROMs of books available is 86.

Journals and e-Journals

Eighty-Four e-journals are subscribed under Consortium of e-Resources (CeRA).

Timing

The library is currently operated from 9am to 5pm in all working days.

6.6.2.4. Center for Excellence/Advance Studies/ Center for Advanced Faculty Training: Clearly mention about the name, number, year of establishment, funding agency and outcome of Center for Excellence/Advance Studies/Center for Advanced Faculty Training.

Name :	ICAR-Niche Area of Excellence in Fish Safety and Quality Assurance, Dept. of Fish Quality Assurance Management, Fisheries College and Research Institute, Thoothukudi
Number:	1
Year of establishment	2014
Funding agency	ICAR, New Delhi
Outcome of Center for Excellence	• The Center for Fish Safety and Quality Assurance was established for recognizing, investigating and resolving fish safety and quality problems and issues, and acting as referral laboratory for fish safety and quality for capacity building in fish safety and quality assurance. • Three capacity building training programmes were conducted for the benefits of faculty/ scientists of SAUs/ ICAR institutes technical officers of mpeda, eia and other organizations. • Imparted postgraduates and doctoral degree programmes in Fish Quality Assurance and Management and 43% of the students benefited are from different States of India other than Tamil Nadu • Quality certification services were provided to seafood industries located in the States of Tamil Nadu, Kerala, Andhra Pradesh,

	Karnataka, Pondicherry and Odisha • Developed DNA markers for authentication of processed tunas, groupers, and snappers species by various molecular methods • QIM was developed for ice stored farmed (<i>P. vannamei</i>) and wild (<i>P. monodon</i>) shrimps and ice stored squids (<i>Loligo</i>) and fish, Emperor bream (<i>Lethrinus lentjan</i>) • Published 13 research publications • Gene bank accession numbers obtained for the innovations made -34 • Conducted an International conference on "Emerging Issues in Quality and Safety of Fish and Shellfish" at Chennai during 11th& 12th August 2016 • Technologies generated/transferred or new products developed: 4 Nos. • Students completed M.F.Sc. / Ph. D. thesis work under the programme: 8 Nos. • Awards/recognition received by the PI/Co-PIs/Students under the Programme: 8 Nos. • Linkages established within the country and abroad with various agencies: 6 Nos. 1. Prince of Songkla University, Thailand 2. Curtin University, Australia 3. Shanghai Ocean University, China 4. Auburn University, USA 5. Central Institute of Fisheries Technology, Cochin 6. Central Institute of Fisheries Education, Mumbai
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6.6.2.5. Incubation Centre/Start up units/Venture capital: Provide the list of incubation centre(s) start up units/ venture capital set up by the University for the promotion of technologies generated at the University.

A. Fishereis College and Research Instittue, Tuticorin

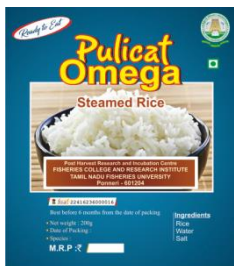
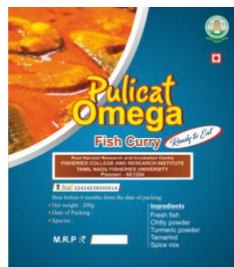
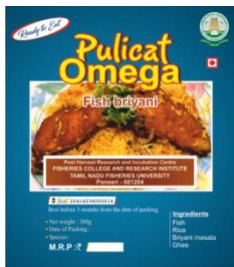
Name of the incubation centre	Facilities created	Technology standardised
Creating a Platform "Kayalagam" – The Future Store for Amplification of Marketing of Diversified Fish Products in Tamil Nadu	1. Kayalagam Incubation centre with infrastructure with machinaries at Department of Fish Processing Technology, FC&RI, Thoothukudi. 2. Kayalagam sales centre with infrastructure at Department of Fish Processing Technology, FC&RI, Thoothukudi. To construct building for Kayalagam retail outlet at Thoothukudi.	Fish bread, Fish Bun, Fish Coconut Bun, Fish Plum cake, Fish Sponge cake, Sea weed Plum cake, Sea weed Sponge cake, Fish Biscuit, Sea Weed Biscuit

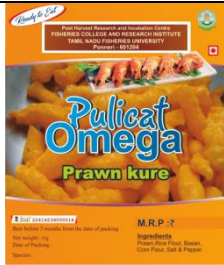
	3. Standardized the processing methods for the selective value added fish products with nutritional profile and shelf life.	
Establishment of Marine Products Business Incubation Centre	1. Laser printer 2. Deskiner and Deboner 3. Fish cutting machine and Deboner machine 4. Carton Strapping Machine 5. Shrink Wrapping Machine 6. Bottle Sealing Machine 7. Bottle Capping Machine 8. Pickle Preparation Kettle 9. Pickle paste filling machine 10. Drier 11. Flake Ice Machine	Currently there are total 16 incubatees registered to the forum and almost 21 Innovation Voucher Programs (IVP) have been submitted to EDII, Chennai. Furthermore, four MoUs were signed with the following colleges namely, Annamal college of education for women, Thoothukudi, Kamaraj college, Thoothukudi, Holy cross college, Thoothukudi and Bishop heber college, Trichy. Till date total 8 training programs and 13 webinars were successfully conducted and the total number of beneficiaries account to 1063.

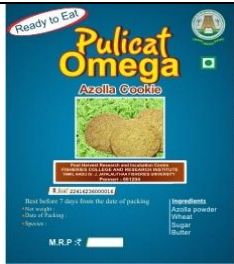
B. Dr MGR Fisheries College and Research Institute, Ponneri

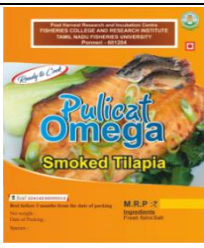
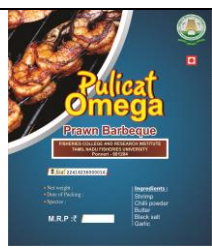
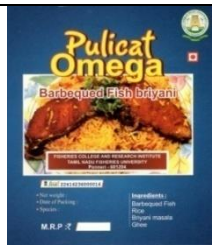
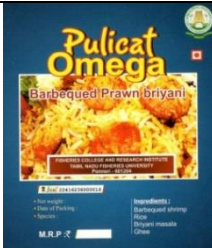
Post Harvest Research and Incubation Centre working under the department of fish processing technology, Dr. M.G.R. Fisheries College and Research Institute, Ponneri was established with the financial assistance (Rs.178.58 lakhs) from National Agricultural Development Programme (NADP), New Delhi. A building has been constructed in an area of 1950 sq. ft. with a budget outlay of Rs. 60 lakhs which encompasses all the essential equipment for developing fish based product technologies. This center started functioning from the year 2016 with Food Safety and Standards Authority of India (FSSAI) registration. The following are the technologies developed and disseminated by the centre:

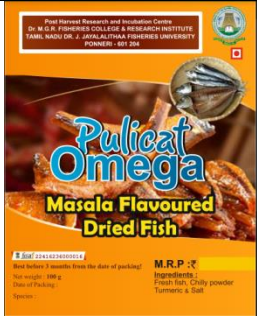
Technologies

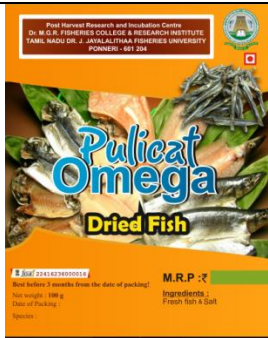
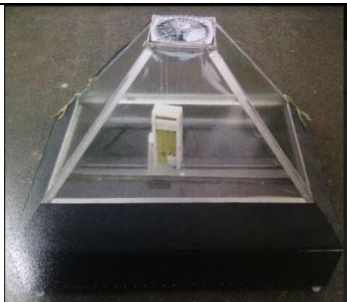
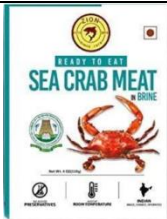
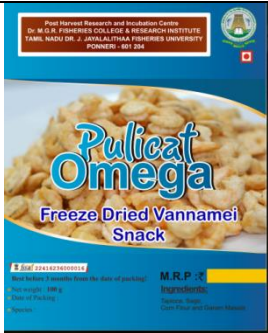
Sl.No	Title	Photos
1.	Fish curry and steamed rice in retortable pouch	 
2.	Fish briyani in retortable pouch	
3.	Shrimp briyani in retortable pouch	
4.	Seafood energy bar	
5.	Marine protein bread	

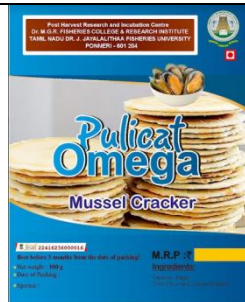
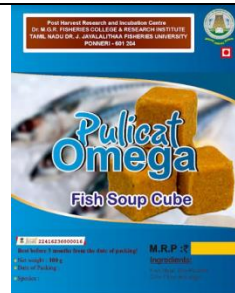
6.	Extruded snack from fish	
7.	Extruded snack from shrimp	
8.	Extruded snack from seaweed	
9.	Fish Cookie	
10.	Shrimp Cookie	
11.	Seaweed Cookie	

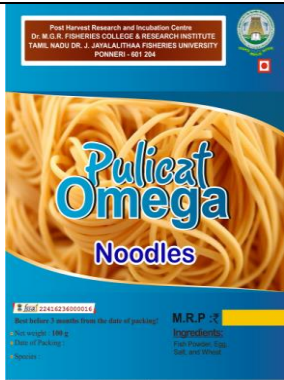
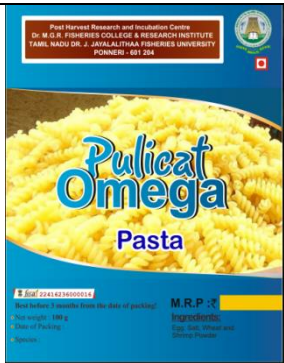
12.	Azolla cookies	
13.	Shrimp cake	
14.	Seaweed cake	
15.	Crab cake	
16.	Seaweed soup	
17.	Seaweed wafer	

18.	Seaweed chips	
19.	Smoked Tilapia	
20.	Barbequed fish	
21.	Barbequed shrimp	
22.	Barbequed fish briyani	
23.	Barbequed shrimp biryani	
24.	Fish Pickle	

25.	Prawn Pickle	
26.	seaweed tea – Cardamom	
27.	seaweed tea - Ginger	
28.	seaweed tea - Lemon	
29.	Marinated and Dried GIFT Tilapia	
30.	Fish Burger	
31.	Masala flavoured dried fish	

32.	Dried fish	
33.	Portable Solar drier	
34.	Smoking kiln	
35.	Crab Meat in brine	
36.	Freeze dried vannamei Snack	

37.	Soap for domestic canine pet using fish oil	
38.	Mussel Cracker	
39.	Mussel Kure	
40.	Instant fish soup cubes	
41.	Instant shrimp soup cubes	

42.	Fish Wafer	
43.	Prawn wafer	
44.	Fish noodles	
45.	Fish Pasta	

6.6.2.6. Technology Enabled Learning Resources: Technology allows for personalizing learning, building capacity of teachers and driving decisions based on real- time data. What kind of infrastructure, digital content, teacher training and data systems have been created in this regard? What are monitoring and evaluation frameworks to maintain and sustain these facilities?

A. Fisheries College and Research Institute, Tuticorin

- The academic block at Fisheries College and Research Institute, Thoothukudi has four smart class rooms with a seating capacity of 65 each and adequate space. The class rooms are having Writing board, Power Podium, LCD projector, Laptop, Student's Writing Desk cum Bench, hook to hang bags & bottles and shelf to keep books.
- Examination hall with a seating capacity of 100 and adequate space was made available
- The students are also exposed to practical sessions in various laboratories and field visits.
- Computer laboratory with network facility
- Access to CERA and online journals through net enabled computer terminals at the Library
- Video conferencing facility is established in the new seminar hall at the academic block
- Library equipped with over 20,000 books, manuals, theses, magazines, journals, computer facility, access to online journals etc. are being used by students, and the library is kept open on all working days upto 6.00pm and Saturdays on forenoon session and all evenings upto 6.00 p.m.
- Central Instrumentation Laboratory is being used by the students for their practical exposure and research work.
- Museum with various specimens is available for student's study purpose.
- English tuitions are offered to the I B.F.Sc student to improve their communication skills. This is being done in collaboration with Annammal College of Education for women, Thoothukudi at their language laboratory under trained teachers.
- Class rooms with adequate space, seating arrangements and writing board, LCD projector, Laptop, etc. are available to students to facilitate learning
- 24 x 7 Wi-Fi facility is provided for online information access
- Playground facilities are available for the students to maintain the physical fitness and to participate in State and National level Sports meet. Flood lights are provided upto 7.00 p.m on the grounds.
- Medical facility is available at college premises for student's health checkup at least twice a week by a Medical Officer.
- Transportation facilities are available for practical visits viz. farms, processing plants, coastal villages, fish landing centres, fish markets etc.
- Mariculture Research Farm Facility at Tharuvaikulam provides field lab facilities for research and practical classes.
- Students Association such as Literary Association, Science Club, NSS Unit and release of college magazines are in existence to develop and improve their skills.

- Boys and Girls students have separate hostels. Undergraduate and postgraduate hostels for boys are located at the main campus which houses 120 boys. Boys have a separate dining hall facility, reading room facility, computer room with printers, Wifi-facility, Indoor Gym and playground facilities. Girls hostel has mess and dinning facilities, reading room, computer room with printers, Wifi-facility and a throw ball play ground. Both the hostels are managed under the supervision of Warden and Deputy Wardens. The mess is run by students themselves on dividing system and the institute provides staff for accounting and management.

B. Dr. MGR Fisheries College and Research Institute, Ponneri

No such facilities are available in Dr.MGR FCRI, Ponneri

C. College of Fisheries Engineering, Nagapattinam

College Library (digital):

The information about location of the library, present staff position and availability of Wi-Fi, sufficient books and other reading materials, periodicals and research journals, internet with sufficient number of computers, seating capacity, employing the latest technology in library sciences, stocking arrangements, collection of volumes on different subjects, latest publications in the fields of relevant subjects, automation and user services through computer, opening hours, subscription of journals of national and international repute, national dailies, magazines, etc., of the College of Fisheries Engineering, Nagapattinam are given below.

Location of the library

The Green Library designed to get light through natural source of this Institute, unique of its kind and was established during the year 2019 to cater to the fisheries technical needs of the user end groups of this State. The Library is housed in a two storied building located in the University main campus. The total area of the Library building is approximately **1503.2 m²**. The Library functions have been well automated and entry into the library and book transaction is made possible with RFID Technology using smart card. Presently, the computerization activity of the library has been revamped with specialized software KOHA, a comprehensive package with built in library modules, suitable for the entire library functions. Besides this, this software is more compatible with RFID Technology, which is a total security transaction module. Number of CCTV cameras have been fixed at tangible points for surveillance. The Library is a part of CeRA consortium for e-journal access at discounted rates as determined by MHRD. This enables access to the world of nascent journals on line. All the departments of this college are all well connected it through IP network.



Library



Library inside view

Buildings:

Total area of the building : 1503.2 sq. m

1.	Book Section (Ground floor)	:	237 sq.m
2.	Periodical Section	:	200 sq.m
3.	Reference Section	:	27.75 sq.m
4.	Reprography	:	32.69 sq.m
5.	Circulation Section	:	56.55sq.m
6.	Farmers section	:	30.09sq.m
7.	Librarian Room	:	29.25sq.m
8.	Staircase	:	30.66sq.m
9.	Rest room – G Floor	:	73.38 sq.m
10.	Corridor – G.Floor	:	88 sq.m
11.	Digital Library	:	50.05 sq.m
12.	Computer Centre	:	147.09 sq.m
13.	Rest rooms – First Floor	:	73.38 sq.m
14.	Language Lab	:	215.93 sq.m
15.	Lift	:	5.76 sq.m
16.	Stair Case	:	30.66 sq.m
17.	Multimedia PC Room	:	76.68 sq. m
18.	Server Room	:	9.28 sq. m
19.	Corridor (F.floor)	:	88 sq. m

Present staff position:

- 1 Library Asst. : 1
- 2 Computer Operator : 1
- 3 Library Asst. : 1
- 4 Sweeper cum Scavenger:1

Facilities:

• Books	: 2353
• Reports, Manuals and others (Free publications)	: 807
• Back volumes	: Nil
• B.Tech Thesis	: 40
• Newspaper	: Nil
• Journals (Indian)	: Nil
• Online journal access through CeRA	: Yes
• CD-ROM	: 86
• Computers	: 3
• Photocopier-cum-network printer	: 1
• Scanner	: 1
• Wi-Fi Facility	: Yes
• Plagiarism Tool	: URKUND
• Seating capacity	: 23

Online Journals, Books and Databases:

1	Online Databases	
	i)	Consortium for e-Resources in Agriculture (Full text journals)
	ii)	Krishikosh: An Institutional Repository of Indian National Agricultural Research System (Full text theses of all SAUs and Research Institutes of ICAR)
2	Online/E-books	1174 [CeRA]
3	Journals Subscribed	
	i)	Print journals Nil
	ii)	Online journals through CeRA OUP:24 SPRINGER:119+119 WILEY : 84
	iii)	Print journals received as gratis Nil

E-Resources:

The internet browsing facility is available in the library premises on the basis of a user account provided by the Unit of Information Technology (IT), College of Fisheries Engineering, Nagapattinam. The user can access the net facility through Captive Portal. There is also the provision of accessing the internet by the students and staff using their user ID.

Employing the latest technology in library - Automation and Digitization:

The Library of College of Fisheries Engineering, Nagapattinam has implemented automation of library at KOHA LMS under ICAR Development grant 2019-20 under library strengthening section. The bibliographic database of the library's collection is well functioning through the OPAC module on Koha. All the library functions have

been well automated and entry into the library and book transaction is made possible with RFID Technology using smart card. Presently, the computerization activity of the library has been revamped with KOHA specialized software, a comprehensive package with built in library modules suitable for the entire gamut of all library functions. Besides this, this software is more compatible with RFID Technology, which is a total security transaction module. CCTV security and surveillance System which helps in security of library resources as well as library management.

Self-service:

To borrow a book, just touch issue on the touch screen self-service machine and then it scans the borrower's biometric details. Instructions will then be displayed on the screen to borrow a single or multiple books. To return a book, just touch return button on the touch screen, place books in the machine and follow the instructions displayed on the screen.

Book Drop Box (24×7):

The book drop box has been placed at the entrance of the Library. This is to facilitate easy return of issued library books by just dropping the books inside the drop box instead of coming physically to the library to return the book.

List of Previous Year Journals	
S.No	Title of the journal
1	Everymens Science
2	Aquaculture time
3	Indian Management
4	Fishing Chimes
5	Gujarat Journal of Extension Education
6	TCC Digest
7	Adventure
8	Foresight
9	IntrafishAqua
10	Malarum melanmai
11	Meenvala sudar
12	The Management Accountant
13	Rajagiri Journal of Social Development
14	Fisheries Technology
15	International Journal of English Research
16	International JOURNAL OF Structural Engineering
17	Journal of Polimer science & Technology
18	International Journal of Research in English and Technology
19	Supply chain pulse
20	International Journal of Physics
21	International journal of Civil Engineering
22	International journal of Mathematics
23	International journal of fisheries and aquatic studies
24	Asian Journal of bio science

25	Asian journal of animal sciences
26	Research journal of Animal husbandry
27	International journal of mobile computing
28	Journal of advances in chemical technology
29	International journal of thermal engineering
30	International journal of electrical machines and drives
31	International journal of Construction Engineering.
32	Veterinary science research journal
33	International journal of yoga
34	Journal of machine design
35	Journal of solar energy
36	Journal of automobile technology
37	Marine fisheries information source
38	International journal of Automobile engineering
39	JCADM
40	New india Samachar
41	IJVASR
42	The indian journal of Animal sciences
43	Current Science
44	Seaweed research research and utilisation
45	Kurushetra
46	Yogana
47	Asian journal of Microbiology, biotechnology and environmental sciences
48	Pollution
49	IGNCA Journal of arts.
50	Indian journal of animal sciences
51	Aariviyal poonga
52	Jindal global law review
53	The bioscan
54	International journal of plant production
55	Journal of Traditional and folk practices
56	Green farming
57	international journal of tropical aquaculture
58	International journal of Agricultural engineering
59	International journal of Machine design
60	Sagar boodh
61	Agricultural extension journal
62	Science echnology and Management journal
63	Journal of environmental biology
64	Journal of animal health

List of Previous Year Magazines	
S.No	Title of the Magazines
1	Mathematics Today
2	Aquaculture spectrum
3	Electronics for you
4	Aqua international
5	Tamilarasu [English]
6	Tamilarasu [Tamil]
7	Makkal kalam
8	Tell me why
9	Readers Digest
10	PC Quest
11	Front line
12	Spinco Biotech
13	Biology today
14	Physics for you
15	Indian food industry
16	Data quest
17	Business Today
18	Women era
19	Chemistry today
20	Health and nutrition
21	MSSRF - Namaooru seithi
22	Teaching plus
23	Aqua feed
24	Competition Affairs
25	Aqua test
26	Aqua farm
27	The smart manager
28	Kizhaku vasl ulagam
29	Motor today
30	Uzhavar ulagam
31	Kadalar
32	Kalnada velanmai
33	Makkal kalam
34	Kalvi today
35	Patchai boomi
36	Suyathozhil
37	KIIT REVIEW
38	Smart green
39	Crop view
40	Think corein
41	SKG Journal

42	Main ke kisan
43	Vihangama
44	Littoral
45	World aquaculture
46	Supply chain pulse
47	Outlook
48	Mutram
49	Kalvi today
50	EDU Tracks
51	Coal quality testing
52	Matsya bharathi
53	JAIN Adventure
54	Agriculture today
55	Dairy planner On track

6.6.2.7. Integrated Learning Systems (Experiential Learning): How many these units have been sanctioned by the ICAR? Mention the functional condition of each unit. Provide data regarding year wise profit sharing with the students from each unit.

A. Fisheries College and Research Institute, Tuticorin

Sl. No.	Year	Batch	Students intake	Freshwater aquafarming	Seafood processing and value addition	Total students
1	2016-17	2013-14	40	23	17	40
2	2017-18	2014-15	40	18	16	34
3	2018-19	2015-16	39	18	16	34
4	2019-20	2016-17	50	24	24	48
5	2020-21	2017-18	68	30	25	55

Profit sharing :

Sl. No.	Year	Batch	Freshwater aquafarming profit earned (Rs.)	Share per student	Seafood processing and value addition profit (Rs.)	Share per student (Rs.)
1	2016-17	2013-14	107772	4685	18000	1058
2	2017-18	2014-15	21210	1178	29600	1850
3	2018-19	2015-16	0	0	53210	3325
4	2019-20	2016-17	Conducted virtual ELP due to COVID-19 pandemic			
5	2020-21	2017-18	43310	1444	25276	1011

B. Dr MGR Fisheries College and Research Institute, Ponneri

There are no integrated learning systems (Experience Learning) units have sanctioned by the ICAR in the institute.

C. College of Fisheries Engineering, Nagapattinam

Presently, there is no such unit sanctioned by ICAR exist in College of Fisheries Engineering.

6.6.2.8. Academic Industry Interface: Mention the important channels for knowledge transfer between University and firms. How the university has been benefited in last five years in terms of resource mobilization, research funding, knowledge transfers and others.

The University has benefited in terms of resource mobilization, research funding, knowledge transfers and others in last five years by having collaboration with some International and National industries. The following important industries were having collaboration for knowledge transfer, research funding and academic purpose with our University.

a. Internatioal industries

1. M/s. Adisseo, France
2. M/s. Liptosa, Spain
3. M/s. Seribu Biosystems, Malaysia
4. M/s. BASF New Business GmbH, Germany
5. M/s. Ew Nutrition, Germany

b. National Industries

1. M/s. Chola Fish Seed Farm, Vaduvor, Thiruvarur Dt.
2. M/s. Aravind Fish Farms, Thirumeni Aeri, Mannarkudi
3. M/s. J.S.S Aqua Farms, Ponneri
4. M/s. VIBRAC Animal Health India Pvt. Ltd, Mumbai
5. M/s. Rajshree Biosolutions LLP, Coimbatore
6. M/s. Blue Lagoon, Pulicat
7. M/s. NAAF Aqua Farm Pvt.Ltd., Kolathur, Chennai
8. M/s. Yadavi Fish Farms, Melaikodi, Vellore District
9. M/s. Nandhini Fish Farms, Thanjavur
10. M/s. Sea6 Energy Pvt.Ltd., Bangalore
11. M/s. King Aquatic, Kolathur, Chennai
12. M/s. Certitude Farms, Nagapattinam
13. M/s. Jaishree Hatchery, Chennai
14. M/s. AlgalR Nutrapharms Pvt. Ltd., Thanjavur
15. M/s. CPF (India) Pvt. Ltd., Mogaipair, Chennai
16. M/s. Vishalakshi Marine Farms, Nagapattinam
17. M/s. P.S. Steel Boat Works, Nagapattinam
18. M/s. Madha Ice Plant and Boat Yard, Keechankuppam, Nagapattinam
19. M/s. Kemin Industries South Asia Pvt. Ltd., Chennai

20. M/s. Caprienzymes Technology Pvt. Ltd., Chennai
21. M/s. Royal Marine Impex Pvt. Ltd., Kavurivaripalem, Prakasam District, Andhra Pradesh
22. M/s. Kausalya Aqua Marine Product Exports Pvt. Ltd., Chennai
23. M/s. Abad Overseas Pvt.Ltd., Chennai
24. M/s. Danvantari Nano Ayushadi Pvt. Ltd., Chennai
25. M/s. Bharath Rhino Biotech, Thanjavur
26. M/s. S. Chitra Devi, Elavarmbedu, Ponneri
27. M/s. Kings Infra Ventures Limited, Cochin
28. M/s. Vel Natural Fibres, Tuticorin
29. M/s. Siva Neela Fish Farm, Mayiladuthurai
30. M/s. Bharath Aqua Farm, Nagapattinam
31. M/s. Salem Microbes Pvt. Ltd., Salem
32. M/s. Hi Shrimp Hatchery Proprietorship, Sulerikadu, Chennai
33. M/s. ShrimpeX Biotech Services Pvt. Ltd., Uthandi, Chennai
34. M/s. Golden Jubilee Biotech Park for Women Society, Siruseri, Chennai
35. M/s. J. M. Bioscience Pvt. Ltd., Nandanam, Chennai

6.6.2.9. National Ranking (ICAR/MHRD): Mention about the rank of the University in last five years in the NIRF from ICAR/MHRD.

NIRF Ranking: The University has participated in National Institute Ranking Framework (NIRF) Ranking in last five years from 2017 to 2021 (**Annexure 8**).

S. No.	Year	Ranking details
1.	2017	Participated
2.	2018	Participated
3.	2019	Listed in Rank Band – 151-200
4.	2020	Participated
5.	2020	Participated

ICAR Ranking:

Sl. No.	Year	Ranking details
1.	2016 -2017	34 th rank
2.	2017	50 th rank
3.	2018	30 th rank
4.	2019	54 th rank

6.6.3. Research Support

6.6.3.1. Research Council: Mention the present composition of the Research Council and provide the dates of meetings in last five years in tabular form.

2019-2020

S. No.	Members	Name and Address	Date of Meeting
1.	Vice-Chancellor-Chairman	Prof. G. Sugumar Vice-Chancellor Ph: 04365-240090 Fax: 04365-240089 Mobile: 9443131025 Email: vc@tnfu.ac.in	17.03.2021
2.	Director of Research – Member Secretary	Prof. G. Jeyasekaran Director of Research Ph.: 04365-220105 Fax: 04365-220106 Mob: 9443471323 dr@tnfu.ac.in	
2.	Registrar	Prof. A. Srinivasan Registrar Ph. 04365-240088 Fax. 04365-240087 Mob: 9443021339 Email: registrar@tnfu.ac.in	
3.	Commissioner of Fisheries State Fisheries Department or his nominee (External)	Thiru. J. Jayakanthan, IAS Commissioner of Fisheries State Fisheries Department Integrated Office Complex for Animal Husbandry and Fisheries Department Anna Salai, Nandanam Chennai – 600 035 Ph. 044 - 24321927 Fax. 044 – 24335585 Email: coffish2011@gmail.com	
5.	Deans and Directors of the University (Internal)	1. Dr.B.Sundramoorthy Dean, Fisheries College and Research Institute, Thoothukudi 2. Dr.B.Ahilan Dr.M.G.R.Fisheries College and Research Institute, Ponneri	

		3. Dr.S.Balasundari Dr.M.G.R.Fisheries College and Research Institute, Ponneri 4. Dr.S.A.Shanmugam, Ph.D. Dean (Basic Sciences) Institute of Fisheries Post Graduate Studies, Vaniyanchavadi, Chennai 5. Dr.N.Neethiselvan Director Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram 6. Dr.N.Felix Director Directorate of Incubation and Vocational Training in Aquaculture, Mutukadu 7. Dr.J.Stephen Sampathkumar Director Directorate of Sustainable Aquaculture Thanjavur 8. Dr. R.Senthiladeban Dean i/c College of Fish Nutrition and Food Technology Madhavaram Milk Colony, Chennai	
6.	Heads of all Research Centres or Stations (Internal)	1. Dr.N.Neethiselvan Director Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram 2. Dr.N.Felix Director Directorate of Incubation and Vocational Training in	

		Aquaculture, Mutukadu 3. Dr.J.Stephen Sampathkumar Director Directorate of Sustainable Aquaculture Thanjavur 4. Dr.V.Senthikumar Assistant Professor Thanjavur Centre for Sustainable Aquaculture, Thanjavur 5. Dr.C.Anand Mandapam Centre for Sustainable Aquaculture, Mandapam 6. Dr.S.Aanand Assistant Professor Erode Bhavanisagar Centre for Sustainable Aquaculture Bhavanisagar, Erode District 7. Dr.K.Veerabandran Professor, Kanyakumari Ganapathipuram Centre for Sustainable Aquaculture, Ganapathipuram, Kanyakumari 8. Dr.Somu Sundar Lingam Assistant Professor Krishnagiri Barur Centre for Sustainable Aquaculture, Barur, Krishnagiri 9. Th.P.Velmurugan Assistant Professor Trichy Centre for Sustainable Aquaculture, Trichy	
7.	Project Co-ordinators of all State / ICAR /Other Agencies, research schemes (Internal)	To be decided at the time of Research Council Meeting	
8.	Two Professors on rotation every year from each of the	1. Dr. R. Jayaraman Program Director	

	college campus nominated by the Vice-Chancellor (Internal)	TNJFU Business School Institute of Fisheries Post Graduate Studies, Vaniyanchavadi, Chennai 2. Dr. D. Manikandavelu Professor and Head Dept. of Aquatic Environment Management Dr. M.G.R FC&RI, Ponneri	
9.	Two specialists or eminent persons in the field of fisheries from outside the University to be nominated by the Vice-Chancellor for their specialized Knowledge (External)	1. Dr. G. Ananda Ramadass, Ph.D. Scientist –G Head, Deepsea Technology National Institute of Ocean Technology, Tambaram Main Road Narayanapuram, Pallikaranai Chennai – 600 100 2. Dr. V. Arul, Ph.D. Professor & Head Dept. of Biotechnology Pondicherry University, Puducherry	
10.	Three progressive entrepreneurs specialized in fish farming / post-harvest technology to be nominated by the Pro-Chancellor on the recommendations of the Vice-Chancellor (External)	1. Dr. M. Rajalekshmi, Ph.D. Kemin Industries South Asia Pvt. Ltd. Ambattur Industrial Estate Chennai – 600 058 2. Thiru. Srinivasan, M.Sc. Poeideon Biotech Pc-1, I & II Floor Mugappair West Main Road Mugappair West Chennai – 600 058 3. Mrs. Emily Surjitha Titus Educationist No.50 A, Sabapathy Cross Street Aynavaram, Chennai – 600 023	
11.	Representatives of the sponsoring agencies by the invitation of the Vice-Chancellor from time to time (External)	To be decided at the time of Research Council Meeting	

Dates of Research Council meetings held in the last five years

S.No.	Research Council Committee meeting	Date of meeting
1.	2 nd Meeting	11.01.2016
2.	3 rd Meeting	17.03.2017
3.	4 th Meeting	20.08.2018
4.	5 th Meeting	29.01.2020
5.	6 th Meeting	17.03.2021

6.6.3.2. Directorate of Research

The University has a strong research base with an exclusive Directorate of Research involved in strategic planning of research programmes, establishment of linkage with research organisations at National and International level, monitoring of research projects/schemes and research documentation with the following mission, and objectives.

Mission

- Achieving Excellence in Fisheries Research by inspiring the Faculty to take up Basic and Applied Research in areas of relevance to serve the needs of Fisheries Sector

Objectives

- To identify research priorities in the field of fisheries for development
- To facilitate the faculty in getting external research grants from Governments and Industries
- To support collaborations with the institutes/industries for research at National and International levels
- To promote multidisciplinary research through Centres of Excellence in fisheries
- To support strong research infrastructure to undertake emerging research challenges
- To facilitate in research publications, patents, technologies and products through ethical conduct of research

Staff Pattern

No.	Name of the Post	Sanctioned Strength	Name
1.	Director of Research	1	Dr. G.Jeyasekaran
2.	Asst. Professor (Technical Officer)	1	Th.G.Raghu (Contractual)
3.	Junior Assistant	1	Mrs. S. Tamilarasi (Contractual)
4.	Typist	1	Mrs. S. Selvarani (as Assistant on working arrangement from the Registrar's Office) Mrs. K. Rajathilagam (as Assistant on working arrangement from the Registrar's Office) Mrs.M. Amuthavalli, Typist (on working arrangement at the Registrar's Office)
5.	Driver	1	Th. S. Nallasivam (on working arrangement at FC&RI, Thoothukudi)
6.	Attendant	1	Mr. M. Balachandran (Contractual)

Research Coordination mechanism

The University has an Authority formed by its Statutes as per Act 21 of 2012 (section 18 of the Act), which is called "Research Council", for approving, overseeing, implementing and streamlining the research activities in the University. This statutory body is empowered as per clause 10, sub-clause (3), (4), and (6) of the Statutes and the research activities are co-ordinated.

Research peer-reviewing is in place in the University which are done limitless times based on the need and submission of projects by the faculty staff.

One Project Appraisal Committee (PAC) has been constituted by the Vice-Chancellor (U.S.O.No.776/TNJFU/Estt./R3/2020 and RC.No.4114/TNJFU/Estt./R3/2020 dt.31.10.2020 from the o/o the Registrar, TNJFU, Nagapattinam, **Annexure 6**) to review and advise the faculty member to make necessary changes as per the norm and themes in force.

Monitoring and evaluation of research programmes in the University is done through:

- Periodical review by the Vice-Chancellor along with the Director of Research
- SRGN
- Evaluation of students theses before final submission
- Review of the schemes before submission and yearly preparation
- External experts to review specific schemes

Research and Seed Production Centers and contribution in academic programmes

There are 17 extended research, extension and production Units for the University present all over the state. They are managed and controlled by three Directorates, viz., Director of Centre for Sustainable Aquaculture, Directorate of Incubation and Vocational Fisheries, and Directorate of Incubation and Vocational Aquaculture and other institutes too. They are serving to the farming community as well as other stakeholders by providing research, training and demonstration services. The students undergoing B.F.Sc and B.Tech Fisheries Engineering are sent to the above centres for getting hands on training during the RAWF programme. The centres also giving inputs to the University for framing research mandates based on that the post graduate students research programme would be designed.

6.6.3.3. Technology Developed and its Adoption: Provide the list of approved technologies developed in last five years along with their adoption and coverage in the jurisdiction of the University.

I. Fish/Shrimp Production Technologies -7 Nos.

1. Raceway technology for nursery rearing of Vannamei shrimps
2. Cage culture of Pearl Spot
3. Aquaponics technology with GIFT Tilapia
4. Mass production of Pearlsputusing WOVA FH and HCG
5. Periphyton technology for GIFT Tilapia culture
6. Biofloc driven intensive nursery rearing technology for GIFT Tilapia
7. *Pangasionodonhypophthalmus* culture in lined ponds

II. Ornamental Fish Culture Technologies – 6 Nos.

1. Induced breeding and mass production of Blackspot barb
2. Induced breeding and mass production of Moustached danio
3. Induced breeding and mass production of Spot fin swamp barb
4. Induced breeding and mass production of Denison barb
5. Induced breeding & mass production of Rohan' barb
6. Biofloc culture of *Cyprinus carpio* var. koi in biosecured raceways and lined ponds

III. Feeds and Additives -9 Nos.

1. Grow-out feed for cage culture of GIFT Tilapia
2. Flower horn feed
3. Low cost natural colour enhancer for ornamental fishes
4. Herbal product for the production of disease resistant ornamental fishes
5. Mass production technology of freshwater Rotifer (*Brachionus calyciflorus*) in indoor culture system (RAS)
6. Mass production technology of Cladoceran (*Moina micrura*) in indoor RAS culture system
7. Mass production of Cyclop (*Thermocyclops hyalinus*)
8. Azolla as feed supplement to GIFT Tilapia

9. Nutrifloc' – Biofloc based ecofeed for *Penaeus vannamei* nursery culture

IV. Fish/ Shrimp Disease Diagnostic Kits - 2 Nos.

1. Multiplex PCR assay for simultaneous detection of White spot syndrome virus (WSSV) and *Enterocytozoon hepatopenaei* (EHP) in shrimp
2. Loop Mediated Isothermal Amplification (LAMP) kit for detecting Hepatopancreatic parvovirus (HPV) in shrimp

V. Fish Quality Testing Kits- 10 Nos.

1. TNJFU – FQMC Rapid Fluorescent Formalin Kit for Fish
2. MPCR assay for detection of five serovars of *Salmonella* from fish and fishery products
3. mRNA based RT-PCR assay for detection of viable *Salmonella* from fish and fishery Products
4. mRNA based RT-PCR assay for detection of viable *Vibrio cholerae* from fish and fishery Products
5. MPCR Assay for detection of four pathotypes of *Escherichia coli* from fish and fishery products
6. MPCR Assay for detection of pathogenic *Vibrio cholerae* from fish and fishery products
7. Molecular method for authentication of processed shrimps
8. AFLP markers for detection of three species of fried seer fish
9. AFLP markers for detection of five species of tuna
10. Halo chromic sensors for monitoring spoilage of packaged fish/shrimp

VI. Fish/Shrimp/Crab/Squid/Mussel Products – 15 Nos.

1. Myocubes- Fish protein product
2. Fish myocubes in retortable pouches
3. Barbequed Fish Briyani in retortable pouch
4. Fish Biscuit
5. Fish Kure
6. Barbequed Prawn Briyani retortable pouch
7. Prawn Biscuit
8. Prawn Kure
9. Prawn Cake
10. Instant fish and shrimp soup cubes
11. Crab Cake
12. Squid Protein based Beverage Mix
13. Green Mussel Meat Cracker
14. Marine Protein Bread
15. Squid Protein based Beverage Mix

VII. Seaweed Products – 6 Nos.

1. Seaweed Cake
2. Seaweed Soup

3. Seaweed Kure
4. Seaweed Wafer
5. Seaweed Biscuit
6. Seaweed Liquid Fertilizer (SLF)

VIII. Nutraceuticals/Pharmaceutical Products from fish wastes – 5 Nos.

1. Antimicrobial fish gelatin edible film
2. Biodegradable fish collagen film for pharmacological application
3. Fish gelatin- MMT- chitosan multicomposite edible film
4. Water soluble fish collagen from fish wastes for pharma/cosmetic applications
5. Collagen peptides from fish bones by enzymatic process

IX. Aquaculture Machineries -2 Nos.

1. Solar powered aerators in shrimp farms
2. Demand Based Auto Feeder

X. Environmental Monitoring Devices - 2 Nos.

1. Portable Colorimeter for on-site determination of Nitrite and Copper in the Aquaculture system
2. Chitosan nanoparticles for the removal of mercury from water

XI. Fish Processing Machineries - 6 Nos.

1. Portable Solar Dryer
2. Barbeque Smoking Kiln
3. Fish De-Scaling Machine
4. Fish Filleting Machine
5. Fish Slicing Machine
6. Fish De-Capitation Machine

XII. Fishing Implements -2 Nos.

1. FRP Plywood Squid Jigging Platform
2. Improved Norwegian Collapsible Fish Trap

XIII. Fisheries Apps - 2 Nos.

1. TNJFU E-Fish Health App
2. Pescare Android App

Technologies Commercialized

Sl. No.	Name of the Technology	Year	Client details	Royalty Received (Rs)	Reference
1.	Fish and Shrimp Curry in Retortable Pouches	2019	Apex Convenience Foods Limited, Kaliakore, Bangladesh	50,000	USO No. 079/TNJFU/Estt./R3/2018, RC.No.5069/TNJFU/Estt./R3/2018 dt.30.1.2019 of the Registrar, TNJFU, Nagapattinam
2.	Crab meat in brine in Retortable Pouch	2019	M/s. Zion Marine, Saligram, Chennai	30,000	USO No. 637/R3/TNJFU/Estt./2019, RC.No.2905/R3/TNJFU/Estt./2019 dt.3.7.2019 of the Registrar, TNJFU, Nagapattinam

XIV. Technical Services – 4 Nos.

1. Testing of fish and fishery products for quality and safety (antibiotic residues, pesticide residues, heavy metal contaminants, formalin, additives, microbial pathogens) through NABL Accredited TNJFU Referral Laboratory for Fish Quality Monitoring and Certification, Fisheries College & Research Institute, TNJFU Thoothukudi campus
2. Testing of aquatic animals for various diseases (Viral, Bacterial, Fungal and Parasitic) through State Referral Laboratory for Aquatic Animal Health, TNJFU Madhavaram campus, TNJFU Referral Laboratory for Aquatic Animal Health, Fisheries College & Research Institute, TNJFU Thoothukudi campus, and TNJFU Referral Laboratory for Aquatic Animal Health, TNJFU Headquarters, Nagapattinam campus.
3. Testing for various water quality parameters through Laboratories functioning from Fisheries College & Research Institute, TNJFU Thoothukudi campus, Dr. MGR Fisheries College & Research Institute, TNJFU Ponneri campus, TNJFU Headquarters, Nagapattinam campus, Institute of Fisheries Post-Graduate Studies, TNJFU Vaniyanchavadi campus, Directorate of Incubation and Vocational Training in Aquaculture, TNJFU Muttukadu campus, Directorate of Sustainable Aquaculture, TNJFU Thanjavur campus.
4. Testing of fish feed for various quality parameters through State Referral Laboratory for Fish Feed Testing and Certification, Institute of Fisheries Post-Graduate Studies, TNJFU Vaniyanchavadi campus.

6.6.3.4. *Research Publication: Provide the list of research articles (NAAS ranking 5.00 or more) published in National and International Journals (only based on the work conducted in the University).*

List of Research Publications

2016-2017

International

1. Jeevithan, E., Z. Jingyi, B. Bao, W. Shujun, R. JeyaShakila and W.H. Wu, 2016. Biocompatibility assessment of type-II collagen and its polypeptide for tissue engineering: Effect of collagen's molecular weight and glycoprotein content on tumor necrosis factor (Fas/Apo-1) receptor activation in human acute T-lymphocyte leukemia cell line. *RSC Advances*, 6:14236 –14246. (NAAS Rating 9.29).
2. Jeevithan, E., Z. Jingyi, B. Bin, P. Krishna moorthy, W. Shujun, W.H. Wu, and R. JeyaShakila, 2016. Rheological, biocompatibility and osteogenesis assessment of fish collagen scaffold for bone tissue engineering. *International Journal of Biological Macromolecules*, 91:51-59. (NAAS Rating 9.14).
3. Jeevithan, E., R. JeyaShakila, G. Jeyasekaran, E.J. Rupia, A. Varatharajakumar, D. Sukumar and W. Wu, 2016. Physicochemical and rheological properties of composite shark catfish (*Pangasius fungaseous*) skin collagen films integrated with chitosan and calcium salts. *Journal of Food Biochemistry*, 40:304-315. (NAAS Rating 6.83).
4. JeyaShakila, R., F. Parthiban, G. Jeyasekaran and R. Shalini, 2016. Antioxidative properties of squid protein hydrolysates prepared using seer fish visceral enzymes in comparison with commercial enzymes. *Journal of Aquatic Food Product Technology*, 25:986-1000. (NAAS Rating 6.67).
5. JeyaShakila, R., A. Varatharajakumar, E. Jeevithan, G. Jeyasekaran, and D. Sukumar, 2016. Suitability of anti microbial grouper bone gelatin films as edible coatings for vacuum packaged fish steaks. *Journal of Aquatic Food Product Technology*, 25:724-734. (NAAS Rating 6.67).

National

1. Manimaran, U., R. JeyaShakila, R. Shalini, B. Sivaraman, G. Sumathi, R. Selvaganapathi and G. Jeyasekaran, 2016. Effect of additives in the shelf-life extension of chilled and frozen stored Indian octopus (*Cistopus indicus*). *Journal of Food Science and Technology*, 53:1348-1354. (NAAS Rating 8.02).
2. Rani, V., R. JeyaShakila, P. Jawahar and A. Srinivasan, 2017. Influence of species, geographic location, seasonal variation and extraction method on the fucoidan yield of the brown seaweeds of Gulf of Mannar, India. *Indian Journal of Pharmaceutical Sciences*, 79:65-71. (NAAS Rating 6.76).
3. Aruna, S., D. Manimekalai and V. Sonia, 2016. Dynamics and diversity of phosphorus mobilizing bacteria from uttan mangroves, Mumbai. *Journal of Experimental Zoology, India* 19(2):1019-1022. (NAAS Rating 5.51)
4. Felix, S and V. Sonia, 2016. Utilization of bio- methanated distillery effluent (Spent Wash) as a potential substrate in vermiculture of *Eudriluseugeniae*. *Journal of Experimental Zoology, India*, 19:1245. (NAAS Rating 5.51).

5. Karuppasamy, K., S. David Kingston, P. Jawahar, V.K. Venkataramani, V. Vidhya and P. Sri Dattatreya, 2016. Length-weight relationship of *Lethrinus lentjan* and *Nemipterus bipunctatus* (Valenciennes, 1830) from Wadge bank, South India. *Journal of Experimental Zoology, India*, 20 (1): 539-542. (NAAS Rating 5.51).
6. Raghu, G., R. Jeyashakila, G. Jeyasekaran, P. Padmavathy and Veeresh, 2016. Antioxidative properties of fucoidan extracted from brown seaweed, *padinatetrazostomatica* available along Gulf of Mannar coast. *Journal of Experimental Zoology, India*, 19(2):723-730. (NAAS Rating 5.51).
7. Vidhya, V., P. Jawahar, P. Padmavathy and K. Karuppasamy, 2016. Morphometric and length weight relationship of *Portunus sanguinolentus* (Berbst) (Decapoda, Brachyura) from Gulf of Mannar, South east coast of India. *Journal of Experimental Zoology, India*, 19:1333-1340. (NAAS Rating 5.51).
8. Harsha, K., B. Sundaramoorthy, N. Neethiselvan, S. Athithan, G. Sugumar and T. Ravikumar, 2016. A rising model of self-disciplinary fishing village in southeast coast of Tamilnadu. *Journal of Experimental Zoology, India*, 19:763-766. (NAAS Rating 5.51).
9. Kavitha, M., P. Padmavathy, A. Srinivasan and P. Jawahar, 2016. Spatio-temporal variations in hydrobiology and plankton production in off shore waters of selected fishing grounds of Gulf of Mannar. *Journal of Experimental Zoology, India*, 19(2):1143-1150. (NAAS Rating 5.51).
10. Jayakumar, N., V.K. Venkataramani, T. Vaitheeswaran and P. Jawahar, 2017. Biodiversity and biology of ornamental wrasses (Family: Labridae) of Gulf of Mannar, southeast coast of India. *Journal of the Marine Biological Association of India*, 58(2):99-103. (NAAS Rating 5.28).
11. Himaja, P.H.S., C.B.T. Rajagopalsamy and B. Ahilan, 2016. Performance of outdoor Biofloc meal in the diet of *Catla catla*. *The Bioscan*, 11(2):1- 5. (NAAS Rating 5.26).
12. Neetha Shenoy, T. Francis, V. Lakshme Gayathree, 2016. Effect of synthetic kisspeptin -10 alone and in combination with domperidone on induced breeding of *Cirrihinus mrigala*. *The Bioscan*, 11:19- 21. (NAAS Rating 5.26).
13. Kavitha, R., S. Monikandon, D. Kesavan, K. Rajagopal and S. Arumugam, 2016. Inhibition of steel corrosion in acid medium by ethanolic extract of *Cassia Fistula*. *Chemical Science Review and Letters*, 20:59-66. (NAAS Rating 5.21).
14. Kavitha, R., S. Monikandon, D. Kesavan, M. Gopiraman and A. Sankar, 2016. Physicochemical evidence for the adsorption of extract of *Jacaranda mimosifolia* on steel against corrosion in acid medium. *Oriental Journal of Chemistry*, 32(4):2147-2153. (NAAS Rating 5.05).

2017-2018

International

1. Lidiya W., G. Jeyasekaran, R. Jeyashakila, B. Sivaraman, P. Padmavathy, 2018. A single enzyme PCR-RFLP protocol targeting 16S Rrna/Trna^{val} region to authenticate four commercially important shrimp species in India. *Food Chemistry*, 239:369-376. (NAAS Rating: 10.53).
2. Jeevithan E., S. Christelle, E.M.S. Jose, H. Yves, W. Shujan, S.C.M.M. Keolebogile, G. Ruiheua, W. Chunxiao, R. Jeyashakila, M.R. Jow, B. Bin, W. Wenhui, 2018. Cross talk between primary osteocytes and bone marrow macrophages for

- osteoclastogenesis upon collagen treatment, *Scientific Reports*, 8:5318. (NAAS Rating: 10.26).
3. Santhana Kumar V., P.K. Pandey, T. Anand, G.R. Bhuvaneswari, A. Dhinakaran, S. Kumar, 2018. Biofloc improves water, effluent quality and growth parameters of *Penaeus vannamei* in an intensive culture system. *Journal of Environment Management*, 215:206- 215. (NAAS Rating 10.01).
 4. Sivaraman, B., G. Jeyasekaran, R. Jeyashakila, V. Alamelu, Lidiya Wilwet, S. Aanand and D. Sukumar, 2018. PCR-RFLP for authentication of different species of processed snappers using mitochondrial D-loop region by single enzyme. *Food Control*, 90:58- (NAAS Rating: 9.50).
 5. Kole, S., K. Ranjeeta, A. Deepika, K. Saurav, S. Rupam, T. Gayatri, M. Makesh, K.V. Rajendran, B. Megha Kadam, 2018. Nanoconjugation of bicistronic DNA vaccine against *Edwardsiella tarda* using Chitosan Nanoparticles: Evaluation of its protective efficacy and immune modulatory effects in *Labeo rohita* vaccinated by different delivery routes. *Vaccine*, 36:2155-2165. (NAAS Rating: 9.24).
 6. Reshma Ramesh, R. Jeya Shakila, R. Sivaraman, P. Ganesan and P. Velayutham, 2018. Optimization of the gelatinization conditions to improve the expansion and crispiness of fish crackers using RSM. *LWT Food Science and Technology*, 89:248-254. (NAAS Rating: 8.33).
 7. Surya, T., G. Jeyasekaran, R. Jeyashakila, N. Asha Hemamalini, M. Palanikumar, V. Alamelu, 2018. Formulation of biogenic amines in delayed salt-curd whole and gutted Indian oil sardine (*Sardinella longiceps*). *Journal of Aquatic Food Product Technology*, 27:394-404. (NAAS Rating: 8.32).
 8. Ranjeeta, K., S. Kole, S. Praveena, R. Gaurav, T. Gayatri, M. Makesh, K.V. Rajendran, B. Megha Kadam, 2017. Bicistronic DNA vaccine against *Edwardsiella tarda* infection in *Labeo rohita*: Construction and comparative evaluation of its productive efficacy against monocistronic DNA vaccine. *Aquaculture*, 485:201-209. (NAAS Rating: 8.57).
 9. Santhana Kumar, V., P.K. Pandey, T. Anand, G.R. Bhuvaneswari, S. Kumar, 2017. Effect of periphyton (aquamat) on water quality, nitrogen budget, microbial ecology, and growth parameters of *Litopenaeus vannamei* in a semi-intensive culture system. *Aquaculture*, 479:240-249. (NAAS Rating 7.83).
 10. Amala Shajeeva, J., N. Neethiselvan, B. Sundaramoorthy, K. Masilan, D. Arunjenish, M. Rajakumar, T. Ravikumar V. Baiju, 2017. Carbon emission due to excess fuel consumption by the trawlers of Thoothukudi, Southeast Coast of India. *Carbon Management*, 8:1-6. (NAAS Rating 7.66).
 11. Tanveer M., S. Moulick, C.K. Mukherjee, 2018. Economic feasibility of goldfish (*Carassius auratus* Linn.) recirculating aquaculture system. *Aquaculture Research*, 49:2945-2953. (NAAS Rating 7.46).
 12. Gaurav Kumar, T., K. Riji John, M. Rosalind George and M.J. Prince Jeyaseelan, 2017. Current status of viral diseases in Indian shrimp aquaculture. *Acta Virologica*, 61:131-137. (NAAS Rating: 6.67).
 13. Karthickumar, P., V.R. Sinija, K. Alagusundaram and B.K. Yadav, 2018. Development of a sorting system for fruits and vegetables based on acoustic resonance technique. *Agricultural Mechanization in Asia Africa and Latin America*, 49:22-27. (NAAS Rating 6.12).

14. Sivasankar, P., K. Riji John, M. Rosalind George, P. Magesh Kumar, M. Mohamed Manzoor, M.J. Prince Jeyaseelan, 2017. Characterization of a virulent ranavirus isolated from marine ornamental fish in India. *Virus Disease*, 28:373-382. (NAAS Rating 5.90).
15. Rajeswari, V., D. Kesavan, P. Viswanathamurthi, 2017. Expired pharmaceutical compounds as potential inhibitors for cast iron corrosion in acidic medium. *Research on Chemical Intermediates*, 43:3893 -3913.
16. Ranjeeta Kumari., M. Makesh, Gayatri Tripathi, K .V. Rajendran, Megha Bedekar, 2017. Evaluation of Two DNA Vaccine Constructs in Labeorohita against Edwardsiella tarda. World Academy of Science, Engineering and Technology- *International Journal of Bioengineering and Life Sciences*, 11:80962.
17. Yongshi, B., Jeevithan, E., Jinggi, Z., Bin, B., Ruihua, G., Krishnamoorthy, P., Jeya Shakila, R., Jeyasekaran, G., Joe, M.R. and Wenhui, Wu., 2017. Immunological effects of collagen and collagen peptide from Blue Shark cartilage on 6T-CEM cells. *Process Biochemistry*, 57: 219–227 (NAAS rating: 8.64).
18. Jeevithan, E., Yongshi, B., Bao, B., Jeyasekaran, G., Jeya Shakila, R. and Wenhui, W., 2017. Effect of chemical and biological cross-linkers on mechanical and functional properties of shark catfish skin collagen films. *Food Bioscience*, 17: 42-51 (NAAS rating: 7.96).

National

1. Shalini, R., R. Jeya Shakila, G. Jeyasekaran, M. Palanikumar, 2017. Changes in the pattern of health beneficial omega 3 fatty acids during processing of sardine fish curry. *Indian Journal of Fisheries*, 64:260-263. (NAAS Rating: 6.24).
2. Saravanan, R., P. Jawahar, T. Francis, B. Ahilan, R. Santhakumar, 2017. Echinoid landings at Mandapam South East Coast of India with a note on gonadal Maturity of two species of sea urchin. *Indian Journal of Fisheries*, 64:190-193. (NAAS Rating: 6.24).
3. Parthiban, F., R. Jeya Shakila, G. Jeyasekaran, R. Shalini, 2017. Relationship between antioxidative potential and amino acids composition of the bioactive peptides prepared from Indian squid Uroteuthis (Photololigo) duvaucelii (d'Orbigny, 1835) using alcalase. *Indian Journal of Fisheries*, 64:130-134. (NAAS Rating: 6.24).
4. Vasantharajan, M., P. Jawahar, S. Santhoshkumar and P. Ramyalakshmi, 2017. Age, growth and mortality characteristics of *Lethrinus lentjan* (Lacepede, 1802) exploited off Thoothukudi coast, Tamil Nadu, India. *Indian Journal of Geo Marine Sciences*, 46:2367- 2371. (NAAS Rating: 6.17).
5. Amala, S., N. Neethiselvan, B. Sundaramoorthy, K. Masilan, D. Arunjenish, T. Ravikumar, 2017. Optimization of engine power for rational fishing by the trawlers of Thoothukudi, South east coast of Tamil Nadu. *Journal of Entomology and Zoology Studies*, 20:697-700. (NAAS Rating 5.53).
6. Beenamol, C., A. Karthy, N. Neethiselvan, B. Sundaramoorthy, S. Athithan, T. Ravikumar, 2017. Traditional fish trapping practices along Enayam coast of Kanyakumari district, Tamil Nadu. *Journal of Entomology and Zoology Studies*, 20:1059-1063. (NAAS Rating 5.53).

7. Dinesh, R., M. Rosalind George, K. Riji John, S. Abraham, 2017. TiLV - A worldwide menace to tilapiine aquaculture. *Journal of Entomology and Zoological Studies*, 5:605-607. (NAAS Rating: 5.53).
8. Ezhilarasi, V., S. Felix and T.L.S. Samuel Moses, 2018. Comparative evaluation of different hormones on the reproductive performance of pearl spot (*Etroplus suratensis*). *Journal of Entomology and Zoology Studies*, 6:322-325. (NAAS Rating 5.53).
9. Felix, S., S. Selvaraj, Cheryl Antony and T.L.S. Samuel Moses, 2017. First report on induced breeding of Indian pearl spot (*Etroplus suratensis*). *Journal of Entomology and Zoology Studies*, 5:709-713. (NAAS Rating 5.53).
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2020-2021

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6.6.3.5. Innovation and Best Practices: What are the innovative efforts of the University that help in its excellence in research?

The University has operated different research projects by having innovative efforts to help the excellence in research. The University has received funding support from the following funding agency to do innovative research in the of Fisheries.

1. Tamil Nadu Innovation Initiatives (TANII), State Planning Commission, Tamil Nadu
2. Department of Science and Technology (DST), New Delhi
3. Department of Biotechnology (DBT), New Delhi
4. Indian Council of Agricultural Research (ICAR), New Delhi
5. Gulf of Mannar Biosphere Reserve Trust (GoMBRT)
6. M/s. Sea6 Energy Pvt.Ltd., Bangalore
7. M/s. Ew Nutrition, Germany
8. M/s. Kemin Industries South Asia Pvt. Ltd., Chennai
9. M/s. BASF New Business GmbH, Germany

6.6.3.6. IPR Cell/ ITMU: Whether the University is currently having functional Intellectual Property Right Cell in place. Mention the date of the meetings conducted by the Cell in last three years and what were the major recommendations. Is the University having Institute Technology Management Unit in place. Mention the date of the meetings conducted by the Unit in last three years and what were the major recommendations.

The University had appointed a law professional Thiru.P. Sanjay Gandhi as IPR Attorney of Tamil Nadu Fisheries University to deal with all the Intellectual Property Rights on behalf of the University and to involve in all patent obtaining procedures (patent filing, patent publishing). He had been associated with the faculty for submitting 10 patent applications so far (**Annexure 9**). Now one another law professional is going to be appointed soon.

The technology development and release has been under the purview of Research Council, which periodically releases the technology after due approval of the Research Council. (The Minutes of 6th Research Council Meeting for reference **Annexure 10**).

6.6.3.7. Central Instrumentation Unit: Is there a Central Instrumentation Unit in place? What are the facilities available in the unit?

Central Instrumentation Unit for the university was not established. But Central Instrumentation units/Laboratories were functioning in the following constituent units of our University. The facilities available in the units are given in their respective self-study reports.

1. Fisheries College and Research Institute, Thoothukudi – 1 no.
2. Dr.M.G.R. Fisheries College and Research Institute, Ponneri – 1 no.
3. College of Fisheries Engineering, Nagapattinam – 1 no.

6.6.3.8. Global Support: *Global Support may assist Universities to organize and undertake activities outside of the Regions by providing a centralized location for administrative resources and a single point of contact for addressing related questions. Does the University maintain functional experts in a range of administrative areas to provide technical advice and guidance in the areas of exchange programmes, visa related issues, International MoUs, collaborative research etc.?*

Collaborative research and signing of MoUs are entrusted with the Directorate of Research as per subclause (11) of clause 19 of the Statues of TNFU. This Directorate is coordinating with all the global funding agencies and other collaboration for the implementation of programmes. The director of Research is the single point of contact for addressing all questions related to this aspect.

6.6.4: Extension Support

6.6.4.1: Extension Council: *Mention the present composition of the Extension Council and provide the dates of meetings in last five years in tabular form.*

Composition of the Extension Education Council (EEC):

1.	Vice-Chancellor / Chairman	Dr.G.Sugumar
2.	Registrar	Dr.A.Srinivasan
3.	Director of Fisheries or his or her nominee	Mrs. Joyce Olive Rachal, JDF, Nagapattinam
4.	Director of Extension Education / Member-Secretary	Dr.M.Rajakumar
5.	Deans and Directors of the University	1.Dr.B.Sundaramoorthy 2.Dr.Ahilan 3.Dr.S.Balasundari 4.Capt.S.Viswanathan 5.Dr.R.Rajendran 6.Dr.S.A.Shanmugam 7.Dr.R.Senthiladiban 8.Dr.G.Jeyasekaran 9.Dr.J.Stephen Sampath Kumar 10.Dr.N.Neethiselvan 11.Dr.N.Felix
6.	Regional Joint Director of Fisheries (Nearest 3 regional)	Mrs. Joyce Olive Rachal, JDF, Nagapattinam
7.	Two professors of the University	1. Dr.R. Jayaraman 2.Dr.R.Santhakumar
8.	HoDs of Extension of the College / institutes	1.Dr.N.V. SujathKumar 2.Mrs.Agnes Dany Angela
9.	Two Eminent persons	1.Dr.H.Philip, Former DEE, TNAU

		2.Dr.S.Velvizhi, Principal Scientist, MSSRF, Poompuhar
10.	Three progressive Entrepreneurs	1.Er.R. Kulasekaran, Kula Aqua, Chennai 2.Dr. Santhanakrishnan, Marine technologies, Chennai 3.Mrs.Madhu Saran, STC Group of Company, Chennai
11.	Special Invitees	1.Mr.S.P. Saravanan, Aqua farmer, Karaikal 2.Mr.S. Jeevanantham, Lead Farmer, Kilvelur 3.Mr.G.ShanmugaSundaram, Exporter, Nagapattinam

Composition of the Scientific Advisory Committee (SAC):

1.	The Vice Chancellor, Tamil Nadu Dr.J. Jayalalithaa Fisheries University, Nagapattinam	Chairperson
2.	Director of Extension Education, Tamil Nadu Dr.J. Jayalalithaa Fisheries University, Nagapattinam	Member
3.	Director of ATARI of the Zone or nominee (Scientist) from ATARI, Hyderabad	Member
4.	Director, IARI-Rice Breeding and Genetics Research Centre, Aduthurai.	Member
5.	Director, TRRI, Aduthurai.	Member
6.	Associate Professor (Horticulture), AC&RI, Eachankottai, Thanjavur	Member
7.	The Director, Directorate of Sustainable Aquaculture, TNJFU, Thanjavur	Member
8.	Joint Director of Agriculture, Nagapattinam	Member
9.	District Development Manager, NABARD, Nagapattinam	Member
10.	Deputy Director of Horticulture, Nagapattinam	Member
11.	Executive Engineer, Agriculture Engineering Department, Nagapattinam	Member
12.	Assistant Professor and Head,	Member

	VUTRC, Nagapattinam	
13.	District Forest Officer, Nagapattinam	Member
14.	Assistant Director of Sericulture, Nagapattinam	Member
15.	Executive Engineer, PWD(Irrigation), Nagapattinam	Member
16.	District Social Welfare Officer, Nagapattinam	Member
17.	Project Officer, Mahalir Thittam, Nagapattinam	Member
18.	General manager, District Industries Centre, Nagapattinam.	Member
19.	Joint Director of Animal Husbandry, Nagapattinam	Member
20.	Joint Director of Fisheries, Nagapattinam	Member
21.	Manager, Lead District Bank, Nagapattinam	Member
22.	Farm Radio Officer, All India Radio, Karaikal.	Member
23.	Mr. G. Jeevanantham (Big farmer) S/o. Ganapathy, Nangudi, Agarakadambanur Village Kilvelur –Taluk, Nagapattinam Dist - 611 104	Member
24.	Mr.P. Packirisamy (Small Farmer) S/o Pethan Theppamudaliar, Sikkavalam, Puliyur, Nagapattinam Dit.	Member
25.	Mrs. M. Hajee Nisha (Women Farmer) Mohameed yasir, 6/103, Pallivasal Street, Manjakollai Nagapattinam.	Member
26.	Mrs. A.Ramya (Women Farmer) W/o Aravamuthan 1/318-2, Perumal kovil street, Keelaveethi, Arupathy, Tharangambadi taluk, Nagapattinam Dt.	Member

27.	Mr. K.Mariyappan (Agri. Entrepreneur) Manmathankoil Street, Koilpathu East, Vedharanyam Taluk, Nagapattinam Dt.	Member
28.	Mrs. S.Sasikala (Women SHG) Coordinator, Lakshminarayana Self Help Group, Karaiyur, Thirumarugal Block	Member
29.	Programme Coordinator, ICAR-Krishi Vigyan Kendra, Nagapattinam	Member Secretary

Date of EEC Meetings in last five years

Sl.No	Date	EEC Meeting
1.	12.01.2016	II EEC Meeting
2.	16.03.2017	III EEC Meeting
3.	03.08.2018	IV EEC Meeting
4.	29.01.2020	V EEC Meeting
5	17.03.2021	VI EEC Meeting

Date of SAC Meeting Conducted

S.No	Date Conducted	Place
1.	25.03.2019	KVK, Nagapattinam
2.	03.03.2021	KVK, Nagapattinam

6.6.4.2. Directorate of Extension Education: Give brief information about the present establishment of the Directorate of extension education, staff pattern, KVK and other off-campus extension programmes, extension coordination mechanism, extension and technology dissemination system and contribution in academic programmes.

A. Staff pattern at Directorate

No.	Name of the Post	Sanctioned Strength	Name
1.	Director	1	Dr. M. Rajakumar
2.	Assistant	Deputed from Registrar's Office	Mrs. S. Gomathi
3.	Assistant PRO	Deputed from FC&RI Thoothukudi	Mr. K. Anna Kalaigar
4.	Videographer (Contractual)	Deputed from Dr.M.G.R. FC&RI Thalainayeru	Mr. K. Madavamanikandan
5.	Typist	(Contractual)	Miss. RA. NA. Sowmiya
6.	Office Assistant	Deputed from Finance Office	Mr. M. Anbalagan

	(Contractual)		
7.	Driver	Deputed from Estate Office	Mr. V. Murugeshwaran

B. Staff pattern at ICAR - Krishi Vigyan Kendra

Sl. No.	Sanctioned post	Name of the incumbent	Discipline
1.	Programme Coordinator	Dr. A. Gopalakannan	Fisheries Biotechnology
2.	Subject Matter Specialist	Mr. E. Hino Fernando	Fisheries Extension
3.	Subject Matter Specialist	Dr. K. Chandrasekar	Agriculture Entomology
4.	Subject Matter Specialist	Dr. S. Muthukumar	Veterinary Science
5.	Subject Matter Specialist	Dr.V.Kannan	Agronomy
6.	Subject Matter Specialist	Dr.A.Mathivanan	Fish Processing Technology
7.	Subject Matter Specialist	Mr.K.Ragu	Horticulture
8.	Programme Assistant (Technical)	Mr. V. Gnanabharathi	Agriculture
9.	Programme Assistant (Computer)	Ms. G. Ramya	Computer Application
10.	Farm Manager	Mr. R. Vedharethinam	Agronomy
11.	Accountant/Superintendent	Mr. S. Tamilselvan	Chemistry
12.	Jr. Stenographer	Vacant	-
13.	Driver 1	Mr. S. Prasath	-
14.	Driver 2	Mr. J. Sathishkumar	-
15.	Skilled Supporting staff 1	Vacant	-
16.	Skilled Supporting staff 2	Vacant	-

➤ Off campus extension programme

Sl. No	Extension Programmes
1.	Advisory Services
2.	Diagnostic visits
3.	Field Day
4.	Group discussions
5.	Film Show
6.	Self -help groups
7.	Kisan Mela
8.	Exhibition
9.	Scientists' visit to farmers field
10.	Plant/ Animal Health Camps
11.	Farm Science Club
12.	Ex-trainees Sammelan

13.	Farmers' seminar/workshop
14.	Method Demonstrations
15.	Celebration of important days
16.	Special day celebration
17.	Exposure visits
18.	Electronic Media Developed (CD./DVD)
19.	Extension Literature
20.	News paper coverage
21.	Popular articles
22.	Radio Talks
23.	TV Talks
24.	Research Articles
25.	Success Stories Documentation
26.	KVK News Letter
27.	Lectures delivered as resource person
28.	Farmers visit to KVK

Extension and Technology Dissemination System:

- KVK is to develop and disseminate location specific technological modules at district level through Technology Assessment, Refinement and Demonstration and to act as Knowledge and Resource Centre for agriculture and its allied activities.
- Conducting on-farm testing to identify the location specificity of agricultural technologies under various farming systems.
- Organizing frontline demonstrations to establish production potential of various crops and enterprises on the farmers' fields
- Organizing need based training to farmers for update their knowledge and skills in modern agricultural technologies related to technology assessment, refinement and demonstration, and training of extension personnel to orient them in the frontier areas of technology development
- Creating awareness about improved technologies to larger masses through appropriate extension programmes.
- Production and supply of good quality seeds and planting materials, livestock, poultry and fisheries breeds and products and various bio-products to the farming community
- Work as resource and knowledge centre of agricultural technology for supporting initiatives of public, private and voluntary sector for improving the agricultural economy of the district.

6.6.4.3. Extension Planning and Technological Impact: In what way the extension planning help to support enterprises in adopting and deploying new technologies and in commercializing innovations? What is the mechanism in place to study the technological impact?

- Conducting village level Participatory Rural Appraisal (PRA)
- Conducting Pre action plan meeting in every year with all line Departments, NGOs and Progressive Farmers to study the technological impact.

6.6.4.4. Implementation of National initiatives: Mention the status of implementation of Student Ready, green initiatives, Farmers First Scheme, Mera Gaon Mera Gaurav, NICRA and other similar schemes.

Sl.No	Implementation of National Initiatives 2018-19	Number of events
1.	Pre Kharif Awareness Programme	1
2.	World Soil day	1
3.	Pre Rabi Awareness Programme	1
4.	Mahila Kisan Diwas	1
5.	National Fish Farmers Day	1
6.	World Environment Day	1
7.	Web casting of PM Interaction with Farmers	3
8.	Swachh Bharath Mission-Swachtha Hi Sewa	1
9.	Yoga day	1
10.	International Women's Day	1

Sl.No	Implementation of National Initiatives 2019-20	Number of events
1.	Jal Sakthi Abhiyan –Kisan Mela Programme	3
2.	Fertilizer application awareness programme	1
3.	Tree plantation drive	1
4.	Mahila Kisan Diwas	1
5.	National Fish Farmers Day	1
6.	World Environment Day	1
7.	Web casting of PM Interaction with Farmers	2
8.	Swachtha Hi Sewa	7
9.	International Women's Day	1

Sl.No	Implementation of National Initiatives 2020-21	No. of programme
1.	SMART- Programme to the farm women at milk procurement center and Training on Livestock management during COVID 19	3
2.	Krishi Jagran Facebook Live Programme on summer management in Livestock	1
3.	World Environment day	1
4.	National Fish Farmers' Day celebration	1
5.	Capacity building of Farmers/ Village Level Functionaries on Disaster management and drought mitigation measures	1
6.	Programme on POSHAN MAAH-Nutri Garden Programme	2
7.	Mahila Kisan Diwas Programme	1

8.	Tree Plantation Drive	1
9.	World Soil Day Celebration	
10.	National Farmers Day	1
11.	Awareness programme on Safe handling of Pesticides	1

6.6.4.5. Innovation and best Practices: What are the innovative efforts of an institution help in its excellence in extension?

- Two KVK farmer WhatsApp groups have been created for the purposes of technology transfer.
- 3000 farmers are maintained one group in m-kisan portal for sending important messages.
- An exclusive website for KVK has been created.
- Farm Advisory services through radio FM AIR, Karaikal regularly.
- Need based Webinar on emerging topics with NGO's and other KVK's are organized.

6.6.4.6. Consultancy / Certification / Testing: Mention about the resources generated through Consultancy/ Certification/Testing etc. in last five years. Give details of all activities. Give summary of participation of faculty in Consultancy/Certification/Testing and outreach programmes.

Production and sale of Technological Products: 2018-19

S. No	Crop / enterprise	Production achieved Units	Revenue generated (Rs.)
1.	Cumbu Napier	290 Nos.	290
2.	Teak seedling	264 Nos.	2640
3.	Pungam	15 Nos.	150
4.	Vengai	648 Nos.	6480
5.	Neem	2 Nos.	20
6.	Azolla	40 Kg	400
7.	Pseudomonas	360 Kg	36000
8.	Vermicompost	1899 Kg	18990
9.	Coir pith compost	3292 Kg	30860
10.	Panchakavya	121 Lit	12100
11.	Fisheries	471 Kg	18840

Production and sale of Technological Products: 2019-20

S.No	Crop / enterprise	Production Achieved	Revenue generated (Rs.)
1.	Moringa Seedlings	141 nos.	1410
2.	Vengai seedlings	239 nos.	2390
3.	Neem seedlings	10 nos.	100
4.	Coconut seedlings	2167 nos.	130020
5.	Napier grass slips	2075 nos.	2075
6.	Azolla	229 kg	2290
7.	Effective Micro Organisms	1.5 lit	150
8.	Panchakavya	91 lit.	9100
9.	Vermicompost	1534 kg	15340
10.	Coir pith Compost	676 kg	6760
11.	<i>Pseudomonas</i>	1127 kg	112768
12.	Desi bird	34 nos.	9490
13.	Japanese Quail	83 nos.	3203
14.	Desi bird egg	26 nos.	260
15.	Quail egg (breeding)	1205 nos.	2410
16.	Fish meat	340.23 kg	33424

Production and sale of Technological Products: 2020-21

Sl.No	Produce	Qty sold	Amount (Rs)
1.	Paddy seed	1105 Kg	3,04,880
2.	Teak seedlings	325 nos.	35210
3.	Fodder slips	1600 nos.	1600
4.	Moringa seedling	39 no.	390
5.	Pseudomonas	712 Kg	1,19,616
6.	Vermi compost	857 kg	12855
7.	Panchakavya	69.5 lit.	8340

8.	Azolla	132 kg	2080
9.	Fish amino acid	10.5 lit.	1050
10.	Quail	110 no.	4400
11.	Quail egg	5 no.	10
12.	Poultry	38.28 kg	9570
13.	Poultry Egg	51 no.	510
14.	Ornamental fish seed	66 nos.	1320
15.	Fish chatni powder	600 gm.	240
16.	Fish Pastha	450 gm.	120
17.	Nethili Dry fish	100 gm	60
18.	Fish pickle	320 gm	240
19.	Prawn pickle	1200 gm	840

Soil and Water Testing 2018-19

Sl.No	Name of Samples	No. of samples tested	No. of Health Card Issued	Amount Realized (Rs)
1.	Soil testing	205	205	20500
2.	Water testing	27	27	1350

Soil and Water Testing 2019-20

Sl.No	Name of Samples	No. of samples	No. of Health Card Issued	Amount Realized (Rs)
1.	Soil	277	277	27700
2.	Water	48	48	2400

Soil and Water Testing 2020-21

Sl.No	Name of Samples	No. of samples	No. of Health Card Issued	Amount Realized (Rs)
1.	Soil	135	135	11000
2.	Water	42	42	2100

6.6.5. Faculty and Staff Development

6.6.5.1. Recruitment and Promotional Avenue: Give the detailed recruitment procedure for faculty, technical, supporting and administrative staff (in brief) and further mention the last recruitment for each category held in the University. Similarly, career advancement procedure and its implementation for all categories shall be given. How many staff have been recruited directly at the higher positions in the last five years?

Recruitment Procedure for faculty and Career Advancement:

The procedures are followed as per the TNJFU Regulations, Appendix I-A – Recruitment of Staff for Appointment in the University for Faculties (Enclosed in **Annexure 11**).

Recruitment Procedure for Technical, supporting and administrative staff:

The procedures are followed as per the TNJFU Regulations, Appendix I-B – Recruitment of Non-Academic staff for Appointment in the University (Enclosed in **Annexure 11**).

Last Recruitment for each category

Sl.No.	Name of the Post	Advt. No. / Date	No. of vacancies called for	No. of posts filled
Teaching Faculties				
1.	University Officers	02/2019 / 26.06.2019	09	08
2.	Associate Professors	08/2018 / 18.11.2018	07	04
3.	Assistant Professors	01/2020 / 06.12.2020	22	19
Technical, Supporting and Administrative Staff				
	Assistant Engineer (Civil)	04 / 2014 / 23.12.2014	04	04
	Assistant Engineer (Electrical)		01	01
	Watchman		01	01
	Computer Operator		01	01
	Junior Assistant		07	07

	Typist	02 / 2017 / 08.10.2017	03	03
	Steno Typist		03	03
	Library Assistant		02	02
	Lab attendant		02	02
	Electrician Gr.II		01	01
	Mechanic Gr. II		01	01
	Office Assistant		02	02
	Program Assistant	05 / 2018 / 18.08.2018	01	01
	Subject Matter Specialists	01 / 2019 / 26.02.2019	03	03
	Farm Manager	04/2019 / 06.07.2019	05	05
	Fishery Assistant		02	02
	Junior Engineer (Electrical)		01	01
	Seaman		01	01
	Iceman		01	01
	Sweeper		01	01
	Museum Curator		01	01
	Gardener		01	01
	Driver		03	03

Last recruitment for elevation under Career Advancement scheme

Sl.No.	Name of the Post	No. of Faculties selected
1.	Professors	02
2.	Associate Professors	01

Staff have been recruited directly at the higher positions in the last five years.

Sl.No.	Name of the posts	No. of persons selected
1.	Associate Professors	04
2.	Assistant Professors	50

6.6.5.2. Participation of Faculty in Symposia/Workshops: Give the comprehensive list (year wise, College wise) participation of faculty in National/International Seminars/ Symposia/ Workshops/ Training/ Consultancy visits/Special assignments etc. Faculty and Staff Development.

Sl. No.	Name and Designation	Details of Training / Symposia / Workshop	Period	
			From	To
	TNJFU			
1.	Dr. K. Rathnakumar, Registrar	To participate in the Global Rajasthan Agritech Meet	09.11.2016	11.11.2016

		(GRAM) at JECC, Jaipur, Rajasthan.		
2.	Dr. K. Karal Marx, Dean, Faculty of Basic of Sciences	To Participate in National seminar on Aquaculture Diversification the way forward for Blue Revolution at ICAR, Bhubaneswar.	01.12.2016	03.12.2016
3.	Dr. M. Nagoor Meera, Finance Officer i/c	To Participate in the two days training on Implementation of PFMS – EAT (Expenditure, Advance Trasfer) module for Implementing Agencies at Besant nagar, Chennai.	30.08.2017	31.08.2017
4.	Dr. K. Rathnakumar, Registrar	To participate in the 11 th Indian Fisheries and Aquaculture Forum at ICAR – CIFT, Cochin	21.11.2017	24.11.2017
5.	Dr. A. Srinivasan, Chair	To attend the International Workshop on Innovative Integration and Intensification in Indian Shrimp Industry (IIIS'17) at Chennai	03.12.2017	-
6.	Dr.S. A Shanmugam, Controller of Examination	To Participate the IAUA Golden Jubilee International Conference 2018 at New Delhi.	22.06.2018	-
7.	Mr. R. Kumaresan, Deputy Librarian	International Conference on Current Technology and Trends in Libraries at MS University, Tirunelveli.	05.12.2019	06.12.2019
8.	Mr. R. Kumaresan, Deputy Librarian	National level semior on Use and Ipact of Scholarly e-resources and Online Courses in Higher Education at Nagercoil.	10.01.2020	-
Director of Research, TNJFU				
1.	Dr. G. Jeyasekaran, DR	To Participate the 3 rd Wayamba International Conference (WinC 2018) on DNA based methods for Sea food Autherntiation at Wayamba University, Sri lanka.	24.08.2018	25.08.2018
2.	Dr. G. Jeyasekaran, DR	Online Training Programme on Laboratory System and Internal	30.05.2020	31.05.2020

		audit conduct by Quality Counsel of India, New Delhi.		
College of Fisheries Engineering, Nagapattinam.				
1.	Ms. C. Mercy Amrita, Assistant Professor	Training Programme on ICT Applications for Agricultural Extension at ICAR, NAARM, Hyderabad.	25.08.2016	03.09.2016
2.	Er. D. Babiyola, Assistant Professor	To Participate in the ICAR short course on Eco-friendly renewable energy technologies for Sustainable power generation and energy conservation at Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola, Maharashtra.	21.11.2016	30.11.2016
3.	Mr. M. Ramar, Assistant Professor	To Participate in the ICAR short course on Eco-friendly renewable energy technologies for Sustainable power generation and energy conservation at Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola, Maharashtra.	21.11.2016	30.11.2016
4.	Dr. Mohammed Tanveer, Assistant Professor	Training Programme on Enhancing training and Teaching – Learning Competencies through Innovative Educational Methodologies and Instructional Technologies at ICAR, New Delhi.	30.11.2016	20.12.2016
5.	Dr. Mohammed Tanveer, Assistant Professor	Training Programme on Advance in Statistical Modeling and Forecasting in Agriculture at ICAR, New Delhi.	23.12.2016	12.01.2017
6.	Dr. D. Kesavan, Assistant Professor and Head	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
7.	Dr. M. Ramar, Assistant Professor	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017

8.	Dr. M. Sivakumar, Assistant Professor and Head	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
9.	Er. R. Regupathi, Assistant Professor	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
10.	Er. D. Babiyola, Assistant Professor	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
11.	Dr. Mohammad Tanveer, Assistant Professor and Head	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
12.	Dr.S. Balasubramanian, Dean	To Participate in the National Seminar on Recent Advances in Post Harvest Fisheries Engineering at ICAR, Cochin.	23.09.2017	-
13.	Dr. N. Manimehalai, Associate Professor	To participate the training programme on Developing winning Research Proposals in Agricultural Research at NAARM, Hyderabad	01.08.2017	05.08.2017
14.	Dr. M. Kamalakannan, Assistant Professor	Training Programe on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
15.	Ms. C. Mercy Amrita, Assistant Professor	To attend the Ineractive Meet of Librarians of SAUs/DUs/CUs/CAUs at Junagadh Agricultural University, Junagadh.	02.07.2018	03.07.2018
16.	Dr. D. Kesavan, Assistant Professor and Head	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
17.	Dr. M. Ramar, Assistant	To Participate the Training	02.05.2017	31.05.2017

	Professor	Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.		
18.	Dr. M. Sivakumar, Assistant Professor and Head	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
19.	Er. R. Regupathi, Assistant Professor	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
20.	Er. D. Babiyola, Assistant Professor	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
21	Dr. Mohammad Tanveer, Assistant Professor and Head	To Participate the Training Programme on Foundation Course for Faculty of Agricultural University at ICAR, NAARM, Hyderabad.	02.05.2017	31.05.2017
22.	Dr.S. Balasubramanian, Dean	To Participate in the National Seminar on Recent Advances in Post Harvest Fisheries Engineering at ICAR, Cochin.	23.09.2017	-
23.	Dr. N. Manimehalai, Associate Professor	To participate the training programme on Developing winning Research Proposals in Agricultural Research at NAARM, Hyderabad	01.08.2017	05.08.2017
24.	Dr. D. Kesavan, Assistant Professor and Head	Refresher course on Modern Biotechnology Tools for Sustainable Aquaculture at Periyar University, Salem.	13.02.2019	26.02.2019
25.	Dr. D. Kesavan, Assistant Professor and Head	Training Programme on Digital Teaching Techniques at NAARM, Hyderabad.	14.03.2019	20.03.2021
26.	Er. C. Mercy Amirta, Assistant Professor	Training Programme on Digital Teaching Techniques at NAARM, Hyderabad.	14.03.2019	20.03.2021
27.	Dr. Mohammed	International Convention on	18.02.2020	19.02.2020

	Tanveer, Assistant Professor	Perspectives to Face Contemporary Challenges of Agricultural Development at ICAR, New Delhi.		
28.	Mr. T. Anand, Assistant Professor	Online Course on Designing E-learning conducted by ICAR NAARM, Hyderabad.	01.07.2020	31.07.2020
Directorate of Sustainable Aquaculture, Thanjavur				
1.	Dr. E. Suresh, Assistant Professor, CSBB, Ganapathipuram.	Training Programme on Designing Breeding Plans and Genetic Analysis of Complex Trait at ICAR – CIAR	13.09.2016	22.09.2016
2.	Dr. V. SenthilKumar	To Participate in Training Programme on Financial Inclusion Agricultural Credit and Crop Insurance at MANAGE, Rajendranagar, Hyderabad.	20.02.2017	22.02.2017
3.	Mr. Anix Vivek Santhiya, Assistant Professor, KKGCSA	Training Programme on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
4.	Dr.S. A Shanmugam, Controller of Examination	To Participate the IAUA Golden Jubilee International Conference 2018 at New Delhi.	22.06.2018	-
5.	Dr. J. Stephen Sampath Kumar, Director,	Higher Education Retreat on Chancellor's Vision 2013 at Raj Bhavan, Ooty.	19.12.2019	20.12.2019
DEE, TNJFU, Nagapattinam				
1.	Dr. M. Nagoor Meeran, Director, DEE	Workshop of MANAGE, EEI and SAMETIs at MANAGE, Hyderabad.	18.01.2016	19.01.2016
2.	Dr. R. Jayaraman, Director, DEE	KVK Zonal workshop meeting at ICAR – ATARI, Hyderabad.	24.05.2019	26.05.2019
3.	Dr. M. Rajakumar, Director, DEE	National level workshop on Assessment and Accreditation / Universities to facilitate accreditation process at NAAC, Bangalore.	27.01.2020	-
4.	Dr. M. Rajakumar, Director, DEE	Training Programme on HR Auditing – Preparing the ground for Strategic HRM at ICAR – NAAM, Hyderabad.	24.02.2020	26.02.2020
FSTI, Chennai				
1.	Dr. R. Senthiladeban,	Workshop of MANAGE, EEI and	18.01.2016	19.01.2016

	Director	SAMETIs at MANAGE, Hyderabad.		
2.	Dr. K. Ravaneswaran, Professor	To Participate in Training Programme on Financial Inclusion Agricultural Credit and Crop Insurance at MANAGE, Rajendranagar, Hyderabad.	20.02.2017	22.02.2017
3.	Dr. D. Sukumar, Director, FREC, Madhavaram	To participate the Mega international event "world Food India 2017" at New Delhi	03.11.2017	05.11.2017
Fisheries College and Reserach Institute, Thoothukudi				
1.	Dr. R. Santha Kumar, Chair, School of Fisheries Information and Social Sciences	Training Programme on Write Shop for Success Stories at G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand.	19.09.2016	22.09.2016
2.	Dr. P. Jawahar, Professor and Head,	Training Programme on Write Shop for Success Stories at G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand.	19.09.2016	22.09.2016
3.	Dr. G. Sugumar	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
4.	Dr. A. Srinivasan, Chair	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
5.	Dr. K. Riji John	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
6.	Dr. B. Ahilan	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
7.	Dr. M. Rosalind George	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
8.	Dr. S.Athithan, Professor and Head	To Participate in the International Symposium on Fisheries and Aquaculture at	23.09.2016	-

		FC&RI, Thoothukudi		
9.	Dr. P. Padmavathy, Associate Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
10.	Dr. C.B.T. Rajagopalsamy, Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
11.	Dr. V. Rani, Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
12.	Dr. N. Jayakumar, Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
13.	Dr. S. Aanand, Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
14.	Mr. S. Vijay Amirtharaj, Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
15.	Mrs. A. Jemila Thangarani, Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
16.	Mr. S. Santhoshkumar Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
17.	Mrs. D. Manimegalai, Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
18.	Dr. J. Jaculine Periera, Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
19.	Dr. B. Chrisolite, Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-

20.	Mrs. T. Umamaheswari, Assistant Professor	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
21.	Dr. S. Athithan, Professor and Head	To Participate in the International Conference on Recent Advances in Aquaculture at Visakhapatnam.	16.12.2016	17.12.2016
22.	Dr. G. Sugumar, Dean	To Participate in the National Conference on Agricultural Scientific Tamil at TNAU, Coimbatore.	06.08.2016	-
23.	Dr. P. Velayutham, Professor and Head	To Participate in International Conference on Science and Technology for National Development at Cochin, Kerala	25.10.2016	26.10.2016
24.	Dr. K. Riji John, Chair	To Participate in Brain Storming Session on Fish Diseases and Indigenous Ornamental Fishes at Tirupura.	21.12.2016	-
25.	Dr. K. Riji John, Chair	To Participate in Training Workshop on Methods in Histopathology and Molecular Biology at CEFAS, Weymouth, United Kingdom.	30.01.2017	03.02.2017
26.	Dr. M. Rajakumar, Professor and Head	Training Programme on Strategies for Promoting Farmers Producer Organizations at NAARM, Hyderabad.	20.02.2017	25.02.2017
27.	Dr. R. Jeya Shakila, Chair	To Participate the brain storming workshop on Potential Collaboration in the area of food Science and Techonology of relevance to Defence Forces / DRDO at Mysore.	27.01.2017	-
28.	Dr. G. Sugumar	To Participate in the International Workshop on Marine Biotechnology and Shrimp Genetics Research at Nagercoil.	27.10.2017	-
29.	Dr. K. Riji John, Chair	To Participate in the 11 th Indian Fisheries and Aquaculture Forum at ICAR – Central Institute of Fisheries Technology, Kochi	21.11.2017	24.11.2017

30.	Dr. K. Riji John, Chair	To Participate in the 26 th National Conference of Indian Virlogical Society – Virues to Viromes in Health and Disease at NITTE Univeristy, Mangalore.	06.12.2017	09.12.2017
31.	Dr. G. Sugumar Dean	To Participate in the International Workshop on Innovative Intergration and Intensification in Indian Shrimp Industry (IIIS'17) at Ponneri	03.12.2017	-
32.	Dr. P. Ganesan, Assistant Professor	To Participate the brainstorming workshop on Potential Collaboration in the area of Food Research Laboratory at Mysore.	27.01.2017	-
33.	Mr. R. Kumaresan, Deputy Librarian	To attend the one day training – cum awareness workshop on J-Gate @CeRA for Southern region at VC, Bangaore.	27.01.2017	-
34.	Dr. A. Srinivasan, Chair	To attend the National Workshop on Agroforestry Strategies for Climate Change Mitigation and Adaptation at FCRI, Mettupalayam.	21.03.2017	22.03.2017
35.	Dr. K. Riji John, Chair	To Participate in the Annual Review Meeting and International Symposium on Aquatic Animal Health and Epidemiology for Sustainable Asian Aquaculture (ISAAE) at ICAR – NBFGR, Lucknow.	18.04.2017	21.04.2017
36.	Mr. F. Parthiban, Assistant Professor	To Participate in the Winter School training programme on Marine Nutrients for Fighting Malnutrition Recent Advances in Marine BioMolecules for Human Nutrition and Healthcare at ICAR – CIFT, Cochin.	01.02.2018	21.02.2018
37.	Dr. K. Riji John, Chair	To Participate in the VIROCON 2016 and International Conference on Global Perspective in Virus Disease Management at IIHR, Bengaluru.	07.12.2016	10.12.2016
38.	Dr. G. Sugumar, Dean	To Participate in the Technical	21.11.2017	24.11.2017

		Session on Adding Value to Fish: Avenues in Fish Processing and Packing at ICAR, CIFT, Cochin.		
39.	Mrs. T. Umamaheshwari, Assistant Professor	To Participate in the Two day workshop on Excel Applications in Data Management at Sivakasi	03.08.2017	04.08.2017
40.	Dr. P. Velayutham, Professo and Head	To Participate in the International Workshop on Tilapia the future fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
41.	Dr. B. Ahilan, Professor and Head	To Participate in the International Workshop on Tilapia the future fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
42.	Dr. S. Athithan, Professor	To Participate in the International Workshop on Tilapia the future fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
43.	Th. K.S. Vijay Amirtharaj, Assistant Professor and Head i/c (MRFF)	To Participate in the International Workshop on Tilapia the future fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
44.	Tmt. D. Manimekalai, Asistant Professor	To Participate in the International Workshop on Tilapia the future fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
45.	Tmt. A. Jemila Thangarani	To Participate in the International Workshop on Tilapia the future fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
46.	Th. F. Parthiban Assistant Professor	To Participate in the International Workshop on Tilapia the future fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
47.	Dr. G. Sugumar Dean	To Participate in the International Workshop on Tilapia: The Future Fish at IFPGS, Vaniyanchavadi, Chennai.	21.08.2017	-
48.	Dr. V. Alamelu, Assistant Professor	To Participate in the ICAR sponsored Centre of Advance Faculty Training (CAFT) Programme on Food Safety Management System in food	01.11.2017	21.11.2017

		Processing at TNAU, Coimbatore.		
49.	Mrs. D. Manimekalai, Assistant Professor	To Participate in the Winter School training programme on structure and function of the marine ecosystem: Fisheries at CMFRI, Kochi.	01.12.2017	21.12.2017
50.	Dr. G. Jeyasekaran Professor and Head	To participate 4days training on Laboratory Management Systems & Internal Audit at Bureau of Indian standards (BIS), Chennai	21.08.2017	24.08.2017
51.	Tmt. R. Shalini, Assistant Professor	To participate 4days training on Laboratory Management Systems & Internal Audit at Bureau of Indian standards (BIS), Chennai	21.08.2017	24.08.2017
52.	Tmt. R. Shalini, Assistant Professor	To participate 02 days training on "Measurement Uncertainty" conducted by Bureau of Indian standards (BIS), Chennai	24.10.2017	25.10.2017
53.	Dr. P. Velayutham, Professor and Head	To participate the 11 th Indian Fisheries and Aquaculture Forum at ICAR, Kochi	21.11.2017	24.11.2017
54.	Dr. V. Alamelu, Assistant Professor	To participate the 11 th Indian Fisheries and Aquaculture Forum at ICAR, Kochi	21.11.2017	24.11.2017
55.	Dr. K. Riji John, Professor and Head	To participate the 11 th Indian Fisheries and Aquaculture Forum at ICAR, Kochi	21.11.2017	24.11.2017
56.	Dr. P. Jawahar Professor	To participate to attend the brain storming session on "Sea weed cultivation and Utilization (Sea CU) at TIFAC, CSIR-CSMCRI, Bhavanagar, New delhi	27.11.2017	-
57.	Mrs. T. Umameheswari Assistant Professor	To participate 21 days winter School training programme on Advanced analytics in developing Agricultural market Intelligence at NAARM, Hyderabad	14.11.2017	04.12.2017

58.	Mrs. D.Manimekalai Assistant Professor	To participate in the winter school training programme on "Structure and function of the Marine Ecosystem: Fisheries" at CMFRI, Kochi	01.12.2017	21.12.2017
59.	Mr. R. Kumaresan, Deputy Librarian	To attend the Interactive Meet of Librarians of SAUs/DUs/CUs/CAUs at Junagadh Agricultural University, Junagadh.	02.07.2018	03.07.2018
60.	Dr. V. Rani, Assistant Professor	To participate in the 21 days winter school training programme on Recent Advance in bioactive compounds from marine Management at CMFRI, Kochi.	23.01.2018	12.02.2018
61.	Th. R. Kumaresan, Deputy Librarian	Training Programme on J-Gate @CeRA Regional Ambassador	11.10.2018	-
62.	Th. P. Ganesan, Assistant Professor	Capacity Building Programme for Business Incubator at Chennai	11.10.2018	12.10.2018
		Coimbatore	14.11.2018	16.11.2018
		Bangalore	13.12.2018	14.12.2018
		Cochin	23.01.2019	25.01.2019
63.	Tmt. C. Jeevitha, Assistant Professor	Training Programme on Fishing Technology at CIFT, Cochin.	01.11.2018	30.12.2018
64.	Tmt. T. Umamaheswari, Assistant Professor	Training Programme on Socio Economic impact assessment of research at NAARM, Hyderabad.	25.10.2018	27.10.2018
65.	Dr. C. Judith Betsy, Assistant Professor	World Brackishwater Aquaculture conference on BRAQCON 2019 at Chennai.	23.01.2019	25.01.2019
66.	Dr. R. Jeyashakila, Professor and Head	Training on Transition to Laboratories Management system and internal audit at Chennai.	08.01.2019	09.01.2019
67.	Dr. R. Shalini, Assistant Professor	Training on Transition to Laboratories Management system and internal audit at Chennai.	08.01.2019	09.01.2019
68.	Dr. B. Chrisolite, Assistant Professor	To participate and present research paper in the World Brackishwater Aquaculture conference on BRAQCON 2019 at Chennai.	23.01.2019	25.01.2019

69.	Dr. K. Riji John, Professor and Head, DFPHM	Workshop on Need for National policy on Disease Diagnosis and Quarantine at New Delhi.	29.01.2019	-
70.	Th. F. Pathiban, Assistant Professor	National Convention on Intergrated Agriculture Prosperous Bharat at IARI, New Delhi.	28.01.2019	29.01.2019
71.	Th. K.S. Vijay Amirtharan, Assistant Professor			
72.	Th. R. Durairaja, Assistant Professor			
73.	Dr. C. Judith Betsy, Assistant Professor	To attend Asian pacific Aquaculture 2019 on Influence of extenders on the difference age group ofparameters at Chennai.	19.06.2019	21.06.2019
74.	Dr. C. Judith Betsy, Assistant Professor	Training Programe on Digital Teaching Techniques at NAARM, Hyderabad.	14.03.2019	20.03.2021
75.	Th. F. Pathiban, Assistant Professor	Training Programe on Digital Teaching Techniques at NAARM, Hyderabad.	14.03.2019	20.03.2021
76.	Tmt. Ranjeeta Kumari, Assistant Professor	Workshop on School on Aquatic Animal Epidemiology and Disease Surveilance program at NBFGR, Lucknow	01.03.2019	06.03.2019
77.	Tmt. T. Umamaheswari, Assistant Professor	National Conference on Ascertaining food Security through livelihood enriching interventions: Challenges and Opportunities at at PAJANCOA & RI, Karaikal.	04.09.2019	06.09.2019
78.	Th. R. Kumaresan, Deputy Librarian	Training cum awareness workshop on J-Gate CeRA for Sorthern region at UAS, GKVK, Bengaluru.	14.09.2019	-
79.	Th. K.S. Vijay Amirtharaj, Assistant Professor	International Convention on Perspectives to Face Contemporary Challenges of Agricultural Development at ICAR, New Delhi.	18.02.2020	19.02.2020
80.	Dr. B. Sivaraman, Assistant Professor	Online Training Programme on Laboratory System and Internal audit conduct by Quality Counsel of India, New Delhi.	30.05.2020	31.05.2020
81.	Dr. G. Aruloli, Assistant	21 days online training	08.09.2020	28.09.2020

	Professor	programme on Innovative Practices in Extension Research and Evaluation by NAARM, Hyderabad.		
82.	Dr. R. Santhakumar, Professor	Virtual Workshop on Intellectual Property Rights in Agricultural Research and Education in India at ICAR, New Delhi.	12.09.2020	28.09.2020
83.	Dr. B. Chrisolite, Assistant Professor	Online training Programme on Advanced Bioinformatics tools and its application in Agriculture at NAARM, Hyderabad.	14.09.2020	19.09.2020
DIVF, Ramathapuram				
1.	Mr. R. Velmurugan, Assistant Professor	Training Programme on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
2.	Dr. D. Sukumar, Director, DIVF, Ramanthapuram.	National Workshop on Fish Marketing Chains and the urban poor	11.08.2018	-
DIVA, Muttukadu				
1.	Dr. N. Felix, Chief Executive Officer i/c, FITT	To Participate in Workshop at TNPSC, Chennai.	26.10.2016	28.10.2016
2.	Dr. N. Felix, Director i/c, DATTI	To Participate in the International Workshop on Innovative Intergration and Intensification in Indian Shrimp Industry (IIIS'17) at Ponneri	03.12.2017	-
3.	Dr. N. Felix, Director, DIVA, Muttukadu	Consultative meeting on Technology dissemination for Tilapia Culture at Raipur, Chattisgarh.	25.10.2018	
4.	Dr. N. Felix, Director, DIVA, Muttukadu.	Workshop on Estuarine Fishery Resource Management at Chennai.	07.06.2019	08.06.2019
5.	Dr. N. Felix, Director	Training Programme on HR Auditing – Preparing the ground for Strategic HRM at ICAR – NAAM, Hyderabad.	24.02.2020	26.02.2020
6.	Dr. N. Felix, Chief Executive Officer i/c, FITT	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-

College of Food Nutrition and Fisheries Technology, Madhavaram, Chennai.				
1.	Dr. R. Brimasureeswaran, Assistant Professor	Training Programme on Technology Dissemination on Design and Development of Functional Food Products at TANUVAS, Chennai.	14.10.2019	25.10.2019
Dr. Fisheries College and Research Institute, Ponneri				
1.	Ms. S. Aruna, Assistant Professor	Training Programme on Coastal Resources and Management at CMRI, Chennai.	06.09.2016	26.09.2016
2.	Ms. S. Agnes Daney Angela, Assistant Professor	Training Programme on ICT Applications for Agricultural Extension at ICAR, NAARM, Hyderabad.	25.08.2016	03.09.2016
3.	Dr. S. Balasundari, Professor and Head	To participate in the 20 th Annual Conference of the Asian Science Park Association (ASPS) 2016 – Innovation sharing and collaborative opportunities in Science & Technology for advancement in Asia & Asia Pacific at HICC, Hyderabad.	19.10.2016	22.10.2016
4.	Dr.S. Felix Dean	To attend the one day workshop on Super Intensive Nursery Raceway Technology for White Leg Pacific Shrimp <i>Leptopenaeus Vannamei</i> using Bio-floc Technology at Bhimavaram, Andhra Pradesh.	5.11.2016	-
5.	Dr. A. Gopalakannan, Assistant Professor	To attend the one-day workshop on Super Intensive Nursery Raceway Technology for White Leg Pacific Shrimp <i>Leptopenaeus Vannamei</i> using Bio-floc Technology at Bhimavaram, Andhra Pradesh.	5.11.2016	-
6.	Dr.S. Felix Dean	To Participate in the International Symposium on Fisheries and Aquaculture at FC&RI, Thoothukudi	23.09.2016	-
7.	Dr. A. Gopalakannan, Assistant Professor	Training workshop on Good Aquaculture Practices and Food Safety preventive Controls for Aquaculture Farms at Visakhapatnam.	17.11.2016	18.11.2016

8.	Mr. R. Durairaja, Assistant Professor	To Participate in the Short Term Training Programme on Recent Advances in Molecular Taxonomy at ICAR, CIFE, Mumbai.	05.12.2016	14.12.2016
9.	Dr.S. Felix Dean	To attend the National Consultation on Higher Fishery Education at ICAR – CIFE, Mumbai.	16.12.2016	-
10.	Dr. N. Jayakumar, Assistant Professor	To Participate in the Winter School training programme on Structure and Function of the Marine Ecosystem Fisheries at CMFRI, Kochi.	01.12.2017	21.12.2017
11.	Dr. A. Uma, Professor and Head i/c	To Participate in the 11 th Indian Fisheries and Aquaculture Forum at ICAR – CIFT, Cochin.	21.11.2017	24.11.2017
12.	Dr. D. Manikandavelu, Professor and Head	To Participate in the National Workshop on Biodiversity conservation (BIOCON-2017) at Chennai	02.02.2017	-
13.	Dr. B. Ahilan, Dean, Dr. MGR FC&RI, Ponneri	To Participate in the 11 th Indian Fisheries and Aquaculture Forum at ICAR p CIFT Cochin.	21.11.2017	24.11.2017
14.	Miss. S. Agnes Daney Angela, Assistant Professor	To Participate the workshop on ' Digital Learning in Agriculture with reference to Social Media at NAARM, Hyderabad	05.07.2017	07.07.2017
15.	Dr. B. Ahilan Dean i/c	To participate the 11 th Indian Fisheries and Aquaculture Forum at ICAR, Kochi	21.11.2017	24.11.2017
16.	Dr. Cheryl Antony Professor and Head	To participate the 11 th Indian Fisheries and Aquaculture Forum at ICAR, Kochi	21.11.2017	24.11.2017
17.	Dr. S. Balasundari Professor and Head	To participate the 11 th Indian Fisheries and Aquaculture Forum at ICAR, Kochi	21.11.2017	24.11.2017
18.	Mr. C.Lloyd Chrispin, Assistant Professor	Training Programe on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
19.	Dr. T.L.S. Samuel Moses, Assistant	Training Programe on 17 th International Tamil Internet	06.07.2018	08.07.2018

	Professor	Conference at TNAU, Coimbatore.		
20.	Mr. R. Durairaja, Assistant Professor	Training Programme on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
21.	Mr. M. Kalaiarasan, Assistant Professor	Training Programme on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
22.	Mrs.S. Vimaladevi, Assistant Professor	Training Programme on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
23.	Mr. P. Velmurugan, Assistant Professor	Training Programme on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
24.	Dr. R. Ezhilrani, Assistant Librarian	To attend the Interactive Meet of Librarians of SAUs/DUs/CUs/CAUs at Junagadh Agricultural University, Junagadh.	02.07.2018	03.07.2018
25.	Dr. B. Ahilan, Dean, Dr. MGR FC&RI, Ponneri	Launch Workshop of Aqua Clinics and Aquapreneurship development programme at MANAGE, Hyderabad.	13.11.2019	-
26.	Dr. B. Ahilan, Dean, Dr. MGR FC&RI, Ponneri	World Brackishwater Aquaculture conference on BRAQCON 2019 at Chennai.	22.01.2019	25.01.2019
27.	Dr. A. Uma, Professor and Head	To participate and present research paper in the World Brackishwater Aquaculture conference on BRAQCON 2019 at Chennai.	23.01.2019	25.01.2019
28.	Mr. T.L. Samuel Moses, Assistant Professor	Training Programme on Digital Teaching Techniques at NAARM, Hyderabad.	14.03.2019	20.03.2019
29.	Dr. C.Lloyd Chrispin, Assistant Professor	Training Programme on Digital Teaching Techniques at NAARM, Hyderabad.	14.03.2019	20.03.2019
30.	Tmt. S. Agnes Daney Angela, Assistant Professor	Training Programme on ICT Based Strategies for Nutrition Security at ICAR-IARI, New Delhi.	16.08.2019	05.09.2019

31.	Dr. C. Lloyd Chrispin, Assistant Professor	Training Programme on Developing winning Research Proposals on Digital Solutions in Agriculture at ICAR – NAARM, Hyderabad.	19.11.2019	23.11.2019
32.	Mr. T.L.S. Samuel Moses, Assistant Professor	Winter School Training Programme on Precision Fish Farming : Automation Principles and Technological Solutions for Sustainable for Aquaculture Production and Productivity at CIFE, Mumbai.	26.11.2019	16.12.2019
33.	Dr. C. Lloyd Chrispin, Assistant Professor	Online Training Programme Data Analytics at ICAR – IASRI	26.05.2020	31.05.2020
34.	Dr. C. Lloyd Chrispin, Assistant Professor	Virtual Workshop on Intellectual Property Rights in Agricultural Research and Education in India at ICAR, New Delhi.	12.09.2020	28.09.2020
Institute of Fisheries Post Graduate Studies, Vaniyanchavai, Chennai				
1.	Dr.K. Karal Marx, Dean	To Participate in the International Workshop on Innovative Intergration and Intensification in Indian Shrimp Industry (IIIS'17) at Ponneri	03.12.2017	-
2.	Dr. Baskaran Manimaran, Professor	To Participate in the 11 th Indian Fisheries Aquaculture Forum (11 th IFAF) at ICAR – CIFT, Cochin	21.11.2017	24.11.2017
3.	Dr.K. Karal Marx, Dean	To Participate in the International Workshop on Tilapia: The Future Fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
4.	Dr. Baskaran Manimaran, Professor	To Participate in the International Workshop on Tilapia: The Future Fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
5.	Dr. B. Chrisolite, Assistant Professor	To Participate in the International Workshop on Tilapia: The Future Fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
6.	Dr. V. Kaliyamurthy, Assistant Professor	To Participate in the International Workshop on Tilapia: The Future Fish at IFPGS, Vaniyanchavadi.	21.08.2017	-
7.	Mr. N. Daniel, Assistant	To Participate in the	21.08.2017	-

	Professor	International Workshop on Tilapia: The Future Fish at IFPGS, Vaniyanchavadi.		
8.	Dr.K. Karal Marx, Dean	To Participate in the 3 rd National Conferene on Agricultural Scientific at Tamil Nadu Agricultural University, Coimbatore.	12.08.2017	13.08.2017
9.	Dr. B. Chrisolite, Assistant Professor	To Participate in the 3 rd National Conferene on Agricultural Scientific at Tamil Nadu Agricultural University, Coimbatore.	12.08.2017	13.08.2017
10.	Dr. K. Karl Mark Dean	To participate in the 11 th Indian Fisheries and Aquaculture Forum at ICAR, Kochi	21.11.2017	24.12.2017
11.	Dr. B. Chrisolite, Assistant Professor & Library in -charge	To attend the Ineractive Meet of Librarians of SAUs/DUs/CUs/CAUs at Junagadh Agricultural University, Junagadh.	02.07.2018	03.07.2018
12.	Dr. V. Kaliyamurthi, Assistant Professor	Training Programe on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
13.	Dr. E. Suresh, Assistant Professor	Training Programe on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
14.	Mrs. A. Jemila Thangarani, Assistant Professor	Training Programe on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
15.	Mr. N. Daniel, Assistant Professor	Training Programe on 17 th International Tamil Internet Conference at TNAU, Coimbatore.	06.07.2018	08.07.2018
16.	Dr. E. Suresh, Assistant Professor	Training Programe on Digital Teaching Techniques at NAARM, Hyderabad.	14.03.2019	20.03.2019
17.	Dr. B. Chrisolite, Assistant Professor & Library in -charge	To attend the 21 days winter School training on Marine Nurtrients for fighting Malnutrition recent advances in	01.02.2018	21.02.2018

		Mico Molecules for human Nutrition and Health care at Kochin.		
Dr. M.G.R Fisheries College and Research Institute, Thalainayeru				
1.	Dr. B. Sundramoorthi Dean i/c	To participate the 11 th Indian Fisheries and Aquaculture Forum at ICAR, Kochi	21.11.2017	24.12.2017
2.	Dr. M. Rosalind George, Professor Head	To participate the 11 th Indian Fisheries and Aquaculture Forum at ICAR, Kochi	21.11.2017	24.12.2017
3.	Dr. V. Alamelu, Assistant Professor	Short Course Traing Programme on One Health with Special Reference to Fisheries and Aquaculture at ICAR – CIFE, Mumbai.	18.02.2019	27.02.2019
4.	Th. S. Santhoshkumar, Assistant Professor	Training Programe on Digital Teaching Techniques at NAARM, Hyderabad.	14.03.2019	20.03.2021
5.	Dr. V. Rani, Assistant Professor	Workshop on Training of Teachers (TOT) for students Induction Programme (SIP) at Bharathiar University, Coimbatore.	30.10.2019	31.10.2019
6.	Tmt. T. Umamaheswari, Assistant Professor	Training Programme on Developing winning Research Proposals on Digital Solutions in Agriculture at ICAR – NAARM, Hyderabad.	19.11.2019	23.11.2019
7.	Tmt. T. Umamaheswari, Assistant Professor	21 days online training programme on Innovative Practices in Extension Research and Evaluation by NAARM, Hyderabad.	08.09.2020	28.09.2020
KVK, Sikkal				
1.	Dr. R. Santhakumar, Programme Co-ordinator	To Participate in the Annual Zonal Review workshop at ICAR – ATARI, CRIDA Campus, Hyderabad.	20.09.2018	22.09.2018
2.	Dr. K. Chandrasekar, Subject Matter Specialist	Training programme on handson training on microbial Agents of Major Insect pests and Diseases of Crops at Hyderabad.	20.06.2019	29.06.2019
3.	Dr. V. Kannan, Subject	Training Programme on	19.08.2019	21.08.2019

	Matter Specialist	Advanced Irrigation System at NIPHM, Hyderabad.		
4.	Th. E. Hino Fernando, Subject Matter Specialist	Training Programme on Good practices and Innovation in Agricultural Extension at TNAU, Coimbatore.	26.08.2019	30.08.2019
5.	Dr. A. Gopalakannan, Programme Co-ordinator,	International Convention on Perspectives to Face Contemporary Challenges of Agricultural Development at ICAR, New Delhi.	18.02.2020	19.02.2020
6.	Th. E. Hino Fernando, Subject Matter Specialist	International Convention on Perspectives to Face Contemporary Challenges of Agricultural Development at ICAR, New Delhi.	18.02.2020	19.02.2020
7.	Dr. A. Gopalakannan, Programme Co-ordinator,	XI National Conference on KVK 2020 at NACC, NASC Complex, New Delhi.	28.02.2020	01.03.2020
Fisheries College and Research Institute, Mylaudy, Parakkai				
1.	Dr. P. Velayutham Dean i/c	To participate in the SAC meeting at ICAR, KVK, Thirupathisaram, Kanyakumari	20.11.2020	-

6.6.5.3. Incentives for Excellence/Faculty Recognition: Does the University is offering Best Teacher Award (ICAR) or any other means of recognition to promote excellence in faculty and other staff ? Give the list and selection procedure (in brief).

The University recognizes the faculty members by offering Best Teacher, Best Researcher, and Best Extension Worker Awards. Also the supporting staff are also recognized by Best Worker Awards. The following are the list of staff received awards in recent years.

Year	Name of Faculty	Name of the Award
2017	Mr.M.Muruganantham Assistant Professor	Best Teaching Faculty
	Dr.M.Sivakumar Assistant Professor	Best Teaching Faculty
2018	Mr. S. Santhoshkumar Assistant Professor	Best Teaching Faculty
	Mrs. Mercy Amrita, Assistant Professor	Best Teaching Faculty
2019	Dr.N.Menimehalai, Associate Professor	Best Teacher
	Dr. A. Gopalakannan, Associate Professor Dr. K. Chandrasekaran, SMS, KVK	Best Extension Worker
2020	Dr.N.Jayakumar Associate Professor	Best Teacher
	Dr.A.Uma Professor & Head	Best Researcher
	Dr.K.Chandrasekaran SMS, KVK	Best Extension Worker

The selection procedure is enclosed in the **Annexure 12**.

6.6.5.4. Capacity Building and Training: How many programme have been initiated towards developing and strengthening skills, instincts, abilities, processes and resources that the University and its stakeholders need to survive, adapt, and thrive in the fast-changing agricultural scenario?

A. Fisheries College and Research Institute, Tuticorin

Sl. No.	Title of the Programme	Period	No. of Participants
1.	World Environment Day	06.06.2020 (1 day)	100
2.	World Water Day	22.03.2021 (1 day)	50
3.	Virtual conference on Oceans in the wake of climate: Challenges and Solutions	DAEM, FC&RI, Thoothukudi 26.08.2020 to 28.08.2020	250
4.	COVID-19 on the Aquaculture Sector- Challenges and Future	10.07.2020	100
5.	Aquaculture- Innovations, Sustainability and Beyond	November 18 th & 19 th , 2020	100
6.	National webinar on "Sustainable management of Aquatic Resources for fish production and conservation Organized in commemoration of World Fisheries Day 2020"	FCRI, Thoothukudi 21.11.2020	120 participants belongs to students, scientist, Ph.D scholars, Assistant Professor
7.	Ornamental fish culture	2016	30
8.	Statistical Data Collection – Marine Fish Landings – FIMSUL II	08 – 12, Feb, 2016	24
9.	Awareness Programme Shrimp Disease Surveillance at Velankanni	12.03.2016	39
10.	Awareness Programme on Fish and shrimp farmers at Ramanathapuram	29.06.2016	56
11.	National Fish Farmers day celebration at FCRI Thoothukudi	11.07.2016	44
12.	Awareness Programme on Fish and shrimp farmers at Nagapattinam	24.03.2017	48
13.	Awareness Programme on	25.03.2017	36

	Fish and shrimp farmers at Thiruvavarur districts		
14.	Water Quality management in Aquaculture Systems and World Soil Health Day Celebration	2017	32
15.	FIMSUL-II "Hygienic handling and maintenance of fishing harbour and landing centre"	2016-17	2100
16.	Importance and present status of dried fish in human nutrition	2016-17	22
17.	Hygienic production of dried fish	2016-17	22
18.	Types of dried fish production	2016-17	25
19.	Packaging of dried fish production	2016-17	25
20.	Demonstration – varieties of dried fish production	2016-17	25
21.	Off campus training programme on "Hygienic Handling and Harbour and landing center management"	2016-17	2100
22.	FGD on Driving changes in shrimp farming industry	2017	101
23.	Freshwater fish farming	2017	20
24.	TTC on "Freshwater fish farming"	2017	20
25.	Ornamental fish culture	2017	19
26.	GIS application in Fisheries	28 Feb to 04 March 2017	13
27.	Processing of Yellowfin tuna for shashimi grade, Training on Mechanized boat owner on at Tharavaikulam	2017-18	78
28.	Hygienic production of dry fishes and its packaging	2017-18	27
29.	Preparation and packaging of different types of value added fish and shellfish products	2017-18	23
30.	"Recent packaging techniques in fish and fishery products"	2017-18	19
31.	Value added fish and fishery products to the students - Vivekananda College of Arts and Science	2017-18	55

32.	Fishery value added and By-products - Lady Doak College of Arts and Science	2017-18	18
33.	Empowerment of SHG fisherwomen in freshwater ornamental fish business initiatives	2018	100
34.	Awareness programme on "Endangered Marine Organisms"	02 March 2018	29
35.	Awareness programme on "IUU Fishing (with special reference for Minimum Legal Size)"	07 March 2018	40
36.	Tilapia farming	21.03.2018	24
37.	Creating a Platform "Kayalagam" –The Future Store for Amplification of Marketing of Diversified Fish Products in Tamil Nadu	1.10.2018- 31.03.2021	Men – 33 Women – 116
38.	Entrepreneur Skill Development in Fish Processing Sector	2018-19	11
39.	Sprouting of entrepreneurship skill in marine products	2019-20	25
40.	Entrepreneurship in value added fish and fishery products	2019-20	56
41.	Fish Bakery Products	2020	15
42.	Preparation and marketing of value added fish and fishery products	2020	30
43.	Composite Carp Farming	One Day 10.06.2020	06 (01 Women's / 05 Gents)
44.	Murrel Fish Farming	One Day 24.07.2020 Online Mode by Google Meet	58 (01 Women's / 57 Gents)
45.	Murrel Fish Farming	One Day 25.07.2020 Online Mode by Google Meet	16 (16 Gents)
46.	Farm Made Fish Feed Preparation	One Day 06.08.2020 Online Mode by	45 (04 Women's / 42 Gents)
47.	Integration of Artemia in Salt Pans	One Day 02.09.2020 Online Mode by Google	08 (Gents)

		Meet	
48.	Farm Made Fish Feed Preparation	One Day 16.09.2020 Online Mode by Google Meet	11 (01 Women's / 10 Gents)
49.	Liquid Fertilizer Preparation from Seaweeds	One Day 07.10.2020 Online Mode by Google Meet	11 (01 Women's / 10 Gents)
50.	Seaweed Farming	One Day 27.10.2020 Online Mode by Google Meet	05 (Gents)
51.	Farm Made Fish Feed Preparation	One Day 22.01.2021 On Campus	10 (9 Gents / 1 Woman)
52.	Farm Made Fish Feed Preparation	One Day 27.01.2021 Online	13 (12 Gents / 1 Woman)
53.	Farm Made Fish Feed Preparation	One Day / 15.03.2021 On Campus	07 (Woman 6 / 1 Gent)
54.	Seaweed Farming by Bamboo Raft Method	One Day / 16.03.2021 On Campus	05 (Woman) (Woman 4 / 1 Gent)
55.	Preparation of Liquid Fertilizer from Seaweeds	One Day / 17.03.2021 On Campus	05 (Woman)
56.	Fabrication & Setting up of glass aquarium tank	One Day / 18.03.2021 On Campus	05 (Woman)
57.	Artemia cyst hatching	One Day / 19.03.2021 On Campus	04 (Woman)
58.	Trainers' Training Programme on "Freshwater Fish Culture"	24.04.2017 to 25.04.2017	20
59.	BMPs for ornamental fish culture	04.10.2017 to 06.10.2017	19
60.	Vannamei Shrimp Culture	29.05.2018 to 31.05.2018	11
61.	Freshwater Fish Culture	30.11.2018	30
62.	Empowerment of SHG Fisherwomen Ornamental Fish Business Initiatives – Batch I	18.04.2018 to 20.04.2018	50
63.	Empowerment of SHG Fisherwomen Ornamental Fish Business Initiatives – Batch II	09.05.2018 to 11.05.2018	50
64.	Freshwater fish culture	3 Days (2019)	80
65.	Tilapia culture	2 Days (2019)	40

66.	Tilapia farming	2 Days (2019)	40
67.	Responsible fishing	One Day (2019)	50
68.	MatsyaMitra	60 Days	21
69.	Freshwater Ornamental fish culture - Online mode	13.08.2020	18
70.	Tilapia culture	2 Days (2020)	40
71.	Tilapia farming	2 Days	40
72.	Responsible fishing	One Day	50
73.	MahilaKisan Divas	16.10.2020	85 (Fisheries students)
74.	Data Analysis in Fisheries using MS Excel and SPSS	9.02.2021 to 11.02.2021	70

B. Dr MGR Fisheries College and Research Institute, Ponneri

Sl.No.	Title of the Training	No. of Participants	Dates
1.	Vannamei Shrimp Farming	8	19.1.16 to 21.1.2016
2.	Water Quality Management in Aquaculture	10	09.02.2016-10.02.2016
3.	Preparation of Value-Added Fish Products	8	15.03.2016-16.03.2016
4.	Pangasius Fish Culture	1	25.05.2016
5.	Ornamental Fish Farming	11	28.07.2016-29.07.2016
6.	GIFT Tilapia Culture	6	17.08.2016-18.08.2016
7.	Vannamei Shrimp Farming	10	20.09.2016-22.09.2016
8.	Contact Class for Farm Radio School on Ornamental Fish Farming Technologies	4	08.11.2016
9.	Carp Farming	15	15.11.2016-16.11.2016
10.	Value-Added Fish Products training to Coastal Fisherwomen, TAFCOFED	40	05.07.2016
11.	Value-Added Fish Products training to Coastal Fisherwomen, TAFCOFED	40	25.07.2016

12.	Awareness training-GIFT Tilapia	20	22.01.2016
13.	Awareness training-Brackish water Fish Farming technologies	17	17.04.2016
14.	Awareness training-ARTP	25	02.06.2016
15.	Vannamei Shrimp Farming	10	25.4.2017- 27.04.2017
16.	Pearl spot breeding and its culture techniques at PRFF, Pazhaverkadu	35	11.05.2017 – 12.05.2017
17.	Contact class for Distance Education course on Fresh Water Fish Farming	11	06.06.2017- 07.06.2017
18.	The Pearl spot breeding and its culture techniques at PRFF, Pazharverkadu	65	24.07.2017 – 26.07.2017
19.	The Pearl spot breeding and its culture techniques at PRFF, Pazharverkadu	40	11.09.2017 – 13.09.2017
20.	Vannamei Shrimp Farming	6	20.09.2017- 22.09.2017
21.	Water Quality Management in Aquaculture	15	24.10.2017
22.	Spirulina Cultivation and Value Addition	09	28.11.2017- 29.11.2017
23.	Preparation of Value added Fishery products preparation	08	19.12.2017 – 20.12.2017
24.	Ornamental Fish Farming Technologies	51	09.01.2018 to 11.01.2018
25.	Spirulina Cultivation and Value Addition	9	20.02.2018 to 21.02.2018
26.	Contemporary Value-Added Fishery Products	50	14.03.2018 to 16.03.2018
27.	Contemporary Value-Added Fishery Products	50	20.03.2018 to 22.03.2018
28.	Healthy Shrimp and GIFT Tilapia Farming using Biofloc Technology	50	12.03.2018 to 14.03.2018
29.	Healthy Shrimp and GIFT Tilapia Farming using Biofloc Technology	50	22.03.2018 to 24.03.2018
30.	Mud Crab Fattening- New Techniques and Developments	50	14.03.2018 to 16.03.2018
31.	Distance Education Course "Freshwater fish farming technologies" – contact classes	09	11.04.2018 & 12.04.2018
32.	Training & Demonstration of Pearl Spot Breeding & Culture Technology	50	18.04.2018 to 20.04.2018
33.	Demonstration on Manual Microbiological Identification Tool (API) at FC & RI, Ponneri	40	26.04.2018 & 27.04.2018
34.	Training programme on improving productivity in shrimp farming funded by Kemin Industries South Asia Private Limited		03.05.2018 & 04.05.2018

35.	Training and Demonstration of Ornamental Fish Culture held at ARTP, TNJFU, Madhavaram campus	50	08.05.2018 to 10.05.2018
36.	Training programme on "Basic Techniques in Ornamental Fish culture and breeding" inaugurated at FCRI, Ponneri	35	(30.05.18 – 06.06.2018) and (07.06.18 - 28.06.18)
37.	NFDB funded 25 days "Aquaculture Technician" Training Program on Healthy Shrimp and GIFT Tilapia Production using Biofloc Technology inaugurated at ARFF –TNJFU Madhavaram Campus	25	06.06.2018
38.	Right to Information (RTI) Act training programme held at TN Dr. MGR FCRI, Ponneri	15	12.06.2018
39.	All India Training and Demonstration Programme on Healthy Shrimp and Gift Tilapia culture using Biofloc Technology Training in West Bengal	50	26.07.2018 to 28.07.2018
40.	NFDB funded three days Training and Demonstration of Pearl spot breeding and culture Technology held at PRFF, Pulicat	50	06-08-2018 to 08-08-2018
41.	Three days (28-30, August 2018) Vannamei shrimp farming technology training organised at Dr. M.G.R FC & RI, Ponneri	06	28.08.2018 to 30.08.2018
42.	Breeding, seed production and culture of Pearl Training at PRFF, Pulicat	60	18.09.2018 to 20.09.2018
43.	Carp Fish Farming – Training at Dr. M.G.R FC & RI, Ponneri	19	19.09.2018 & 20.09.2018
44.	Training and Demonstration of Pearl spot breeding, Seed Production and culture Technology at PRFF, Pulicat	65	26.09.2018 to 28.09.2018
45.	All India Training and Demonstration Programme on Healthy Shrimp and Gift Tilapia culture using Biofloc Technology at Balasore in Odisha.	50	27.09.2018 to 29.09.2018
46.	Training program on Spirulina Cultivation and Value Addition	10	30.10.2018 & 31.10.2018
47.	Training program on Value Added Fishery Products	12	29.11.2018 & 30.11.2018
48.	All India Training and Demonstration Programme on Healthy Shrimp and Gift Tilapia Culture Using Biofloc Technology at Muthukur, Nellore – Andhra Pradesh.	50	29.11.2018 to 01.12.2018
49.	All India Training and Demonstration Programme on Healthy Shrimp and Gift Tilapia	50	03.01.2019 to 05.01.2019

	Culture Using Biofloc Technology at Chennai		
50.	Training Programme on Entrepreneurship Development in Brackishwater Finfish and Shellfish Farming	26	21.01.2019 to 25.01.2019
51.	All India Training and Demonstration Programme on "Healthy Shrimp and GIFT Tilapia Culture Using Biofloc Technology" in Gujarat, College of Fisheries Science, Veraval	50	15.02.2019 to 17.02.2019
52.	Training Programme on Aqua Clinics & Aquapreneurship Development Programme (AC&ADP)	28	20.02.2019 to 19.03.2019
53.	All India Training and Demonstration Programme on "Healthy Shrimp and GIFT Tilapia Culture Using Biofloc Technology" in Bhimavaram, Andhra Pradesh.	50	21.02.2019 to 23.02.2019
54.	Training on Carp Fish Farming	8	29.04.2019 & 30.04.2019
55.	Production, Packing, Quality Control and Marketing of Value Added Fish Products	5	22.05.2019 to 06.06.2019
56.	Demonstration of TNJFU-FMS to staffs of Dr.M.G.R FC & RI, Ponneri	40	18.07.2019
57.	Training on Value Added Fishery products	9	06.08.2019 & 07.08.2019
58.	Training program on Spirulina Cultivation and Value Addition	20	28.08.2019 & 29.08.2019
59.	Fresh water farming technologies	28	24.09.2019 – 25.09.19
60.	Training cum workshop on biofloc technologies	50	24.10.2019 – 25.10.19
61.	Ornamental fish culture technologies	19	19.11.2019 – 20.11.19
62.	Exposure visit of Viluppuram District farmers	50	21.11.2019 FN
63.	Exposure visit of Tiruvallur District farmers	50	21.11.2019 AN
64.	Exposure visit of Kancheepuram District farmers	35	27.11.2019
65.	Skill Development Training Programme on Quality dried fish and fish products by using Solar tunnel dryer	33	03.01.2020
66.	Aqua Clinics and Aquapreneurship Development Programme (AC&ADP)	34	28.01.2020 to 24.02.2020
67.	Crab Culture and Cage Culture of Fish	30	4.03.2020- 5.03.2020

68.	Crab Culture and Cage Culture of Fish	30	13.03.2020-14.03.2020
69.	Ornamental Fish Farming for Community Development	52	06.03.2020
70.	Ornamental Fish Farming for Entrepreneurial Motivation	55	13.03.2020
71.	Ornamental Fish Farming for Entrepreneurial Motivation	23	16.03.2020
72.	Entrepreneurship Development Programme on "Value added Fishery Products"	35	17.03.2020 and 18.03.2020
73.	Freshwater Fish Culture	22	14.10.20 and 15.10.20
74.	Seabass culture in Recirculatory Aquaculture System	20	02.11.20 to 06.11.20
75.	Biofloc technology based tilapia and shrimp culture	30	09.11.20 and 11.11.20

C. College of Fisheries Engineering, Nagapattinam

- Fifty-eight nos of training programs as well as workshops have been conducted for the betterment of fisherfolks, SHG's, unemployed youths, college students pertaining to fisheries engineering technologies. In total 1991 beneficiaries are benefitted from the conducted programs.
- Other trainings and workshops conducted and farmers benefitted

Sl.No	Year	No.of Training	Total Number of Participants
1	2017	3	71
2	2018	4	116
3	2019	-	-
4	2020	1	142
5	2021	1	107

- Conducted Webinar entitled "Fisheries Engineering: A Career Opportunity" on 09.09.2020 at College of Fisheries Engineering. Total 170 participants attended the program
- Conducted Webinar entitled "Aquaponics: Design, Construction and Management" on 24.09.20 at College of Fisheries Engineering. Total 44 participants attended the program
- Aquaponics Design Construction and Management Program was organized at College of Fisheries Engineering on 12.03.2020
- Aquaculture Pond Design Construction and Management Program was organized at College of Fisheries Engineering on 11.03.2020

6.6.6. Student Development

6.6.6.1. Scholarships/Stipend: Is the University offering any scholarship programme for meritorious students? How many students are receiving competitive scholarships/fellowships for each College? How many passed out students have been selected for scholarships/fellowships in other universities.

A. Fisheries College and Research Institute, Tuticorin – Scholarship / Fellowships details

List of Scholarships/Stipends available

B.F.Sc.

Collectorate - BC/MBC/DNC - Rs.7665/- - hostler, Rs.5865/- (day scholar)

SC / ST - Rs.18580/- - hostler, Rs.15970/- (day scholar)

NTS - ICAR students – Rs.3000/-

RAWE - Rs.3500/- (Rs.3000/- ICAR share, Rs.500/- - Uni.share)

PattukottaiAzhagiri- Rs.4000/- (merit - university level)

Fishermen scholarship for the selected students under Fishermen Welfare Board – Full fees

M.F.Sc.

NTS – ICAR students – Rs.5000/-

JRF- Rs.12640/- month + Rs.6000/- Contingency/year

Merit Scholarship - Rs.4000/-

PattukottaiAzhagiri- Rs.4500/- (merit - university level)

Ph.D.

NTS(ICAR students) – Rs.5000/-

SRF- Rs.31000/- month + Rs.10000/- Contingency/year (I YEAR & II YEAR)

SRF- Rs.35000/- month + Rs.10000/- Contingency/year (III Year)

Merit Scholarship (TNFJU) - Rs.5000/-

PattukottaiAzhagiri- Rs.5000/- (merit - university level)

Details of scholarship for the last five years

S. No.	Degree programme	Batch	No. of students (Scholarship availed)						
			TNJFU merit scholarship	NTS	JRF / SRF	Pattukotta i Endowment	Fishermen quota	BC/MBC /DNC scholarship availed from Collectorate	SC scholarship availed from Collectorate
I.	B.F.Sc.	2016 - 2017	--	--	--	1	--	29	25
		2017 - 2018	--	2	--	2	1	24	27
		2018 - 2019	--	7	--	1	3	37	28
		2019 - 2020	--	5	--	--	3	19	12
		2020 - 2021	--	--	--	*	2	Not received by the Collectorate.	
II.	M.F.Sc.	2016 - 2017	19	--	--	1	--		
		2017 - 2018	20	--	--	1	--		
		2018 - 2019	23	7	--	--	--		
		2019 - 2020	06	7	--	1	--		
		2020 - 2021	18	3	--	*	--		
III	Ph.D.	2016	6	--	--	1	--		

.		- 2017							
		2017 - 2018	2	--	--	1	--		
		2018 - 2019	7	--	2	--	--		
		2019 - 2020	7	---	--	1	--		
		2020 - 2021	12	--	--	*	--		

Scholarships/fellowships in other universities.

A detailed information in tabular form about student performance in JRF/SRF/NET/ARS/and other national examinations for last five years is furnished below.

Sl.No.	Passed out	JRF	Non JRF	Total
1	2015-16	6	8	14
2	2016-17	0	15	15
3	2017-18	1	7	8
4	2018-19	3	8	11
5	2019-20	3	12	15

B. Dr. MGR Fisheries College and Research Institute, Ponneri

Pattukottai Azhagiri Scholarship is provided every year to one meritorious Student of the University for studying B.F.Sc program. Dr.Nandheesha Endowment Scholarship is provided to two meritorious student of the final year B.F.Sc program to get overseas fisheries and Aquaculture exposure. TNJFU Stipend is provided to all the PG (Rs 4000/Month) and Ph.D (Rs 5000/month) of the university.

S.No.	Batch	Name of the scholarship/ fellowship	No. of students availing competitive scholarship/fellowship								
			B.F.Sc			M.F.Sc			Ph.D		
			M	F	T	M	F	T	M	F	T
1	2016-17	a)Netaji Subhas – ICAR International fellowship.							1		1
		b)TNJFU Stipend				4		4			
		c)Nandheesha Scholarhip		2	2						

		d) Pattukottai Azhagiri Schoarship	1		1						
2	2017-18	a) "Student Ready (RAWE, In – Plant Training, internship)	30	26	56						
		b) Netaji Subhas – ICAR International fellowship.						1		1	
		c) Indian African fellowship				1		1	1		1
		d) TNJFU Stipend				12		12	1	1	2
		e) Nandheesha Scholarhip									
		f) Pattukottai Azhagiri Schoarship	1		1						
3	2018-19	a) "Student Ready (RAWE, In – Plant Training, internship)									
		b) Netaji Subhas – ICAR International fellowship.						1		1	
		c) Indian African fellowship				1		1	1		1
		d) TNJFU Stipend				13	4	17	1		1
		e) Nandheesha Scholarhip									
		f) Pattukottai Azhagiri Schoarship	1	1	2	1		1			
4	2019-20	a) "Student Ready (RAWE, In – Plant Training, internship)									
		b) Indian African fellowship						1		1	
		c) TNJFU Stipend				9	6	15	1		1
		d) Nandheesha Scholarhip									
		e) Pattukottai Azhagiri Schoarship		1	1	1		1			
5	2020-21	a) "Student Ready (RAWE, In – Plant Training, internship)									
		b) Indian African fellowship									
		c) TNJFU Stipend				10	7	17	1	4	5

		d) Nandheesha Scholarship									
		e) Pattukottai Azhagiri Scholarship									

M – Male; F – Female; T – Total

S. No.	Batch	Name of the other University	Name of the scholarship/ fellowship	No. of students								
				B.F.Sc			M.F.Sc			Ph.D		
				M	F	T	M	F	T	M	F	T
1	2014-15	CIFE, Mumbai	JRF	1	1	2	Not Applicable			Not Applicable		
		CIFE, Mumbai	ICAR-NTS	1	1	2						
		SAUs (AP & WB)	ICAR-NTS	5	-	5						
2	2015-16	CIFE, Mumbai	JRF	1	0	1	Not Applicable			Not Applicable		
		CIFE, Mumbai	ICAR-NTS	3	6	9						
		SAUs (Kerala & Orissa)	ICAR-NTS	3	2	5						
		KUFOS, Kerala	University Fellowship	2	-	2						
3	2016-17	CIFE, Mumbai	ICAR-JRF	2	2	4						
		CIFE, Mumbai	ICAR-NTS	2	5	7						
		SAUs (Kerala, Lembucherra & Orissa)	ICAR-NTS	3	4	7						
		CAU, Lembucherra		1	-	1						
4	2017-18	Passed out on 04.09.2021		-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-
5	2018-19	Prince of Songkla University, Thailand	University Fellowship	-	-	-	-	1	1	-	-	-

M – Male; F – Female; T – Total

C. College of Fisheries Engineering, Nagapattinam – Scholarship / fellowship details

Sl.No.	Batch	Name of the scholarship/ fellowship	No. of students availing competitive scholarship/fellowship		
			B.Tech. (FE)		
			M	F	T
1	2015-16	a) M.Selvam Gold medal for top ranking girl student	-	1	1
		b) D. I. Peter Jebasingh Gold medal for the Best ward of Fisherfolk in Undergraduate program	1	-	1
		c) BC	5	2	7
		d) MBC	2	3	5
		e) SC	1	1	2
2	2016-17	a) Award			
		b) BC	3	4	7
		c) MBC	2	2	4
		d) SC	2	1	3
3	2017-18	a) Award			
		b) BC	5	3	8
		c) MBC	2	2	4
		d) SC	2		2
4	2019-20	a) Award			
		b) BC	6	5	11
		c) MBC	3	6	9
		d) SC	2	2	4
5	2020-21	a) Award			
		b) BC	2	4	6
		c) MBC	6	6	12
		d) SC	2	1	3

6.6.6.2.Extra and Co-Curricular Activities: Whether the sports/games/cultural activities/NSS/NCC/programmes are being organized? If yes, then give the list of events in last five years in tabular form. Participation of students in ICAR sponsored events (Agri-unifest/ Agri-sports/ any other) and award/medals received in last five years may be given in Tabular form. How the students practice sports and games daily?

A. Fisheries College and Research Institute, Tuticorin

The college has a football field, volley ball court, basketball court, kabaddi court, Kho-kho court, fitness centre, badminton court, table tennis court for students.

The College has a NSS Unit headed by an Assistant Professor as NSS Programme Officer. The Unit organizes events related to coastal awareness, campus cleanliness, planting of trees, green campus etc. Further NSS special camp is conducted for seven days during III BFSc in a village near Thoothukudi. The one-week programme includes Creation of awareness on Dengue and Tuberculosis, Village cleaning, School cleaning, Canal deweeding, Awareness on ornamental and carp fish farming, Training on preparation of various fishery products such as fish ball, fish cutlet, fish momo, fish pickle, awareness on total sanitation and hygiene, Eye testing camps, General medical camp, English, Maths, Science, tutoring for school students, Sports, Cultural programmes, etc.

Sports and Games activities:

Sl. No.	Programme	Duration	Awards
1.	ROTARACE FEST 2016	30.01.2016	Students won II prize in group dance, I prize in short film, II prize for slide show and III prize for face painting competition; overall runner title
2.	Stecofest-2016	13.02.2016	Ms. Jane Jacob and Ms. KarthikaRaju - II prize in quiz competition. Mr. N. Mouliharan - I prize in photography
3.	Tamil essay competition organised by Dinamani Newspaper and Neyveli Book Fair 2016	July 2016	Ms.T. Kalaiyarasi – I prize.
4.	Regional Asia South workshop organised by M/s. Evonik Pvt. Ltd., Singapore	16.07.2016	Mr. Jegan Michael AndroJeevagan- won fellowship to represent at the Global workshop in Germany.
5.	Inter College State Level Valarum Sakthi Vallalar Gandhi Ilakkiya Parisu Competition conducted in Memorial of Dr.N.	06.08.2016	Ms. Benazir- Third Prize in Madurai Zonal level in Essay Competition

	Mahalingam		
6.	Vigilance Department of V.O.C. Port Trust, Thoothukudi	03.11.2016	Ms.Jane Jacob- II prize in the elocution competition
7.	'PEGASUS 2016,organized by the Student's Association of Christian Medical College (CMC) Vellore	18.07.2016 – 23.07.2016	Mr.P. Dheeran- I prize
8.	District Level Teakwondo competition organized by Sports Development Authority of Tamil Nadu	22.11.2016	Ms.C. Sindhu – I prize Mr. Ponsrinivasan- I prize
9.	Poster presentation held at Kamaraj College, Thoothukudi	10.02.2017	Mr. P. Dheeran - III prize
10.	Second National Students Convention on "Innovative Approaches for Academic Excellence in Higher Education" conducted by Indian Council of Agricultural Research – Central Institute of Fisheries Education, Mumbai (ICAR-CIFE)	3.3.2017- 5.3.2017	Mr.C.Jayapavithran- I prize in the poster presentation Ms.H. Benazir- III in Solo Dance
11.	30 th Tamil Nadu State Teakwondo Championship	13.08.2017- 15.08.2017	Ms. C. Sindhu - Bronze medal
12.	Tamil Nadu State Junior Wrestling Championship 2016-17	30.12.2017 & 31.12.2017	Ms.T. Jency- Bronze medal
13.	Agricultural Education Day	05.12.2017	Ms. Abisha - I prize Mr.Nandagopal - II prize Ms.Manimozhi and Mr.Arunkumar - III prize in elocution contest
14.	FISHNOVA 2018	19.01.2018	Mr.K.Manikandan and Mr.A.Gokulraj - I prize Mr.S.Sathish, Mr.R.TamilSelvan and Mr.S.Babu Ganesh - II prize in science exhibits Ms.M.MuthuAbishag and Ms.Keerthiga - I prize. Mr.S.Sathish and Mr.R.TamilSelvan – II prize in quiz competition
15.	18 th All India Agricultural Sports and Games meet	30.01.2018- 03.02.2018	K.Kanimozhi - 7 th in Triple Jump S.A.BoscardinWanika - 8 th in Discus

			Throw event M.Tamilarasan- 8 th in Long Jump
16.	4 th International Day of Yoga	18.06.2018	V. Kalaiyarasan & G.Harini- I prize T.Ganesh Kumar & P.AnubaSangari- II prize NiravBorakhatariya & A.Kamali – III prize
17.	Gandhian Integrated Forum Trust organized an Inter-Collegiate State Level Competitions on Essay Writing and Poetry Writing on the eve of Birth Anniversary Celebrations of Mahatma Gandhi, Kasturi Ba, AcharyaVinobaBhave and DidiNirmalaDeshpande	02.10.2018	Mr.T.Ganesh Kumar- III Prize in Poetry Writing
18.	Rotary Youth leadership Awards 2018 (RYLA 2018)	26.10.2018 – 28.10.2018	Mr. E.Sakthivel- Best Rylarian 2018 (Boys) Miss. M.Semeena - Best Rylarian 2018 (Girls)
19.	The SHOAL 2018	14.12.2018 & 15.12.2018	Runners title by participating in Light Vocal Solo / Gazal (Non-Film Songs), Group Singing, Extempore speech, Debate, Quiz, Rangoli, Clay modelling, Group Dance – Folk, Mime, Collage, Chart Painting and Carton Drawing, swimming, badminton shuttle, table tennis and Chess
20.	PONFIMA 2019- one day sports competition programme& Intercollegiate competition programme	21.03.2019- 22.03.2019	Students won the overall championship PONFIMA 2019
21.	3rd Student Convention at ICAR-CIFE, Mumbai	25.03.2019- 26.03.2019	Mr. R. Tamilselvan- II Best Presentation and "Cash Award" of Rs.3,000/-
22.	COFIESTA 2019 - Intercollegiate cultural and Quiz competition programme	11.04.2019	Students won the overall championship "COFIESTA 2019
23.	JAYCEE WEEK 2019	02.08.2019	R. Leeban, S.K. Naveen (III prize), T. Ganesh Kumar (I Prize), K. VasanthaKumaran, M. Vishal (II prize), B. Selvarani (I prize), S. Ajaykumar (I prize), U. Gokula Krishnan won the

			prizes in competitive events which included Quiz Tamil, Paper Presentation, Group discussion and cloth painting.
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NSS activities :

Name of the Activity	Organized by	Venue & Date	Outcome	Participants/ Beneficiaries	Collaborating Agency if any
1.Voters Awareness Rally	NSS Unit FCRI	Kombudhurai village 02.04.2016	Voters were encourage to cast their vote	NSS Volunteers / Public	District administration
					
2.Voters Awareness Rally	NSS Unit FCRI	Thoothukudi City 13.04.2016	Voters were encourage to cast their vote	NSS Volunteers / Public	District administration
					
2."Beach Cleanup" programme in lieu of World Ocean day	NSS Volunteers	Thoothukudi Beach, 08.06.2016	The plastic and other waste were removed from the beach	NSS Volunteers	NETFISH – MPEDA, Ministry of Commerce, Govt. of India.



3. English Tuition for village school students	NSS Volunteers	Panchayat Union Middle school, Kombudurai village, Thoothukudi district on 26.06.2016 09.07.2016, 23.07.2016, 06.08.2016, 20.08.2016, 03.09.2016, 17.09.2016. 01.10.2016 15.10.2016 29.10.2016 05.11.2016 10.12.2016 17.12.2016 07.01.2017 21.01.2017 04.02.2017 18.02.2017 04.03.2017 18.03.2017	The students were enlightened in English grammar	Students of middle school	--
4. A mock drill was organized marking the International Day for Disaster Reduction to increase	NSS Volunteers	Fisheries College and Research Institute, Thoothukudi on 13.10.2016	Students were involved in the drill to demonstrate rescue operations and other skills	280 people including students and staff benefitted out the programme.	District Fire Office and disaster management group

awareness on fire safety, rescue during disasters, first-aid etc. to avoid mortality at times of disaster or accidents.			needed for rescue.		
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'Open Defecation Free Campaign' under "Special SwachhtaPakhwada" .	Kombuthura i Village	09.08.2017	Given below	110 school students and villagers en masse were benefited out of the programme .	Kombuthura i Village
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Special drive on campus cleaning	NSS Unit FCRI	Main campus and Hostel FC&RI, Thoothukud i 12.10.2017, 13.10.2017, 14.10.2017 and 16.10.2017	Clean campus	NSS Volunteers	-
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Youth awakening day in remembrance of Dr. A.P.J. Abdul kalam, Birth day on 15.10.2017.	NSS Unit FCRI	FC&RI, Thoothukudi on 14.10.2017	Awakening of students	NSS Volunteers	-
					
Vigilance awareness week-2017 on the theme My Vision Corruption Free India was conducted.	NSS Volunteers	FC&RI, Thoothukudi from 30.10.2017 to 04.11.2017	Awareness of dengue fever and personal hygiene	NSS Volunteers	-
					



Name of the Activity	Organized by	Venue & Date	Outcome	Participants/Beneficiaries	Collaborating Agency if any
A special drive on Campus cleaning as part of "Eradication of Dengue and Anti Dengue Measures"	NSS Volunteers	FC&RI, Thoothukudi from 01.11.2017 to 04.11.2017	Awareness of dengue fever and personal hygiene	NSS Volunteers	-
					
"Quarters Cleaning Day" was conducted on 04.11.2017	NSS Volunteers	FC&RI, Thoothukudi	Awareness of dengue fever and personal hygiene	NSS Volunteers	-



Celebration of "Constitution day"	NSS Volunteers	FC&RI, Thoothukudi 27.11.2017	-	NSS Volunteers	-
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"Coconut sapling plantation day" on the eve of Hostel day celebration at the boy's hostel premises	NSS Volunteers	FC&RI, Thoothukudi 29.12.2017.	Sapling planted	NSS Volunteers	-
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The Chief Guest Shri. P.Mahendran, M.Sc., Superintendent of Police, Thoothukudi and Dr.G.Sugumar Dean, Fisheries College and Research Institute, Thoothukudi planting coconut saplings.

Name of the Activity	Organized by	Venue & Date	Outcome	Participants/ Beneficiaries	Collaborating Agency if
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					any
English Tuition for village school students	NSS Volunteers	Panchayat Union Middle school, Kombudurai village, Thoothukudi district on 01.07.2017, 08.07.2017, 19.08.2017, 26.08.2017, 09.09.2017, 23.09.2017, 21.10.2017, 18.11.2017, 06.12.2017	The students were enlightened in English grammar	Students of middle school	--
					
"Saplings were planted on 18.01.2018.	NSS Volunteers	FC&RI, Thoothukudi	Tree plantation	NSS Volunteers	-
					
A special drive on Campus cleaning conducted	NSS Volunteers	FC&RI, Thoothukudi	Clean campus	NSS Volunteers	-

on 18.01.2018					
					
Compost pit making	NSS Volunteers	FC&RI, Thoothukudi		NSS Volunteers	-
					
12.A special drive on Campus cleaning conducted on 08.02.2018	NSS Volunteers	FC&RI, Thoothukudi	Clean campus	NSS Volunteers	-
					
A special drive on Campus cleaning	NSS unit FC&RI	19.04.2018	Clean campus	NSS volunteers	-
					

Special drive on campus cleaning	NSS Unit FCRI	Main campus and Hostel FC&RI, Thoothukudi 14.06.2018	Clean campus	NSS Volunteers	-
					
Tree Plantation by the Hon'ble Vice Chancellor, TNJFU, the Chair-Person, National Biodiversity Authority, Chennai and The Dean, FC&RI, Thoothukudi	NSS Unit FCRI	FC&RI, Thoothukudi on 19.06.2018	Green campus	NSS Volunteers	-
					
Seminar on Learning Disorder and Drug abuse conducted on the eve of International day against Drug abuse and Illicit trafficking	NSS Unit FC&RI	FC&RI, Thoothukudi 28.06.2018	Awarenes s on Learning Disorder and Drug abuse	NSS Volunteers	-

A special drive on Campus cleaning	NSS Unit FC&RI	FC&RI, Thoothukudi 19.07.2018	Clean campus	NSS Volunteer s	-
					
A sapling was planted in connection with celebration of Independence day at FC&RI, Thoothukudi.	NSS Unit FC&RI	FC&RI, Thoothukudi 15.08.2018	Green campus	NSS Volunteer s	-
					
A special programme on collection of donation in connection with the International White Cane Day Contribution, 2018 for visually challenged children education	NSS Volunteers	FC&RI, Thoothukudi 24.08.2018	Donation Rs.7,500/- collected and sent to the Indian Association for the Blind through DD bearing	NSS Volunteer s	-

			No.924393 dated 28.08.2018		
A special programme on varnishing of class room Desk	NSS Unit FC&RI	FC&RI, Thoothukudi 30.08.2018	Clean Desk	NSS Volunteer s	-
					
A special awareness on the Ragging and its impacts created to the students of FC&RI, Thoothukudi by displaying banners around the campus	NSS Unit FC&RI	FC&RI, Thoothukudi	Ragging free campus	NSS Volunteer s	-
Awareness on the activities of NSS Unit of FC&RI, Thoothukudi created to the Fresher's during the "Orientation Programme"	NSS Unit FC&RI	FC&RI, Thoothukudi 05.09.2018	Activities of the NSS Unit	NSS Volunteer s	--
As part of the "World Coastal Day" celebration Cleaning Campaign was conducted at "Thoothukudi Fishing Harbour and Inigo Nagar Fish Landing Centre" on 15.09.2018 in Association with	NSS Unit FC&RI	FC&RI, Thoothukudi	Clean Fishing Harbour	NSS Volunteer s	Department of Fisheries, Thoothuku di

Department of Fisheries, Thoothukudi.					
					
Creating of Compost pit for proper disposal of waste	NSS Unit FC&RI	FC&RI, Thoothukudi	Clean campus	NSS Volunteer s	-
					
A special drive on Beach cleaning as part of the celebration of Gandhi Jeyanthi on 02.10.2018	NSS Unit FC&RI	FC&RI, Thoothukudi	Awareness on annulment of plastic	NSS Volunteer s	-



The NSS unit of Fisheries College and Research Institute, Thoothukudi, organized an Awareness cum cleaning drive at Port Trust Beach on 02.10.2018 to mark the birth anniversary of Mahathma Gandhi. Dr.G.Sugumar, Dean, Fisheries College and Research Institute inaugurated the cleaning drive. Sixty NSS volunteers of this college turned out to the beach. The participants removed garbage, debris and non-bio degradable materials found on the beach. Mr.T.Ravikumar, NSS programme officer and Mr.P.Pavin kumar, Assistant Professor of the institute coordinated the event.

A special cleaning drive was conducted at Boys Hostel premises	NSS Unit FC&RI	FC&RI, Thoothukudi 10.10.2018	Clean campus	NSS Volunteer s	-
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Essay writing competition conducted on topic "Role of Youth in Annulment of plastic" in remembrance of Dr.A.B.J.AbdulKalam birth day on 13.10.2018	NSS Unit FC&RI	FC&RI, Thoothukudi 13.10.2018	Plastic annulment	NSS Volunteer s	-
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NSS unit volunteers donated an amount of Rs.3,000/- to The Sivananda orphanage on 17.10.2018 in connection with celebration of Diwali function by the orphan children.	NSS Unit FC&RI	FC&RI, Thoothukudi 17.10.2018	Donation of Rs.3,000/- The Sivananda orphanage	NSS Volunteer s	-
As part of the campus cleaning drive "Waste Survey was conducted on 25.10.2018	NSS Unit FC&RI	FC&RI, Thoothukudi 13.10.2018	Plastic annulment	NSS Volunteer s	-
					
Awareness programme on "Eradication of Dengue fever" subsequently Nilavembhu concoction was	NSS Unit FC&RI	FC&RI, Thoothukudi 13.10.2018 and 25.10.2018	Eradication of Dengue	NSS Volunteer s	-

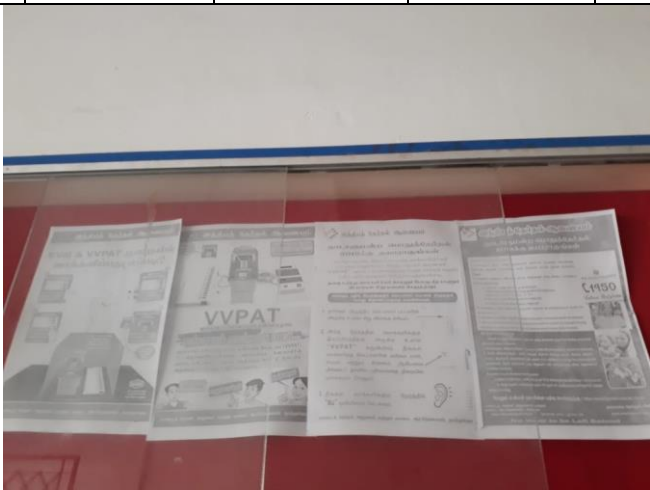
distributed to the students and staffs of this institute for three days continuously.					
					
As part of the Vigilance awareness week (29.10.2018 – 03.11.2018) integrity pledge and slogan writing completion conducted	Fisheries College and Research Institute, Thoothukudi.	Fisheries College and Research Institute, Thoothukudi.	Vigilance awareness	NSS Volunteers	-
					
					

A Mini marathon "RUN FOR UNITY" competition was conducted as part of ofSardarVallabhbhai Patel birth anniversary celebration on 31.10.2018	Fisheries College and Research Institute, Thoothukudi.	Fisheries College and Research Institute, Thoothukudi.	Mini marathon	NSS Volunteers	-
					
Conducted Campus cleaning programme on 20.12.2018	Fisheries College and Research Institute, Thoothukudi.	Fisheries College and Research Institute, Thoothukudi.	Vigilance awareness	NSS Volunteers	-
					
A special programme on collection of donation (Rs.26,745/-) for the students family, affected due to Gaja cycloneand	Fisheries College and Research Institute, Thoothukudi.	Fisheries College and Research Institute, Thoothukudi.	Paid one month mess bill	NSS Volunteers	-

					
Conducted Tree Sapling plantation drive at Mariculture Research Farm Facility Tharuvaikulam on 29.12.2018	Fisheries College and Research Institute, Thoothukudi.	Fisheries College and Research Institute, Thoothukudi.	Sapling plantation	NSS Volunteers	-
					
Created awareness on Alternative to plastics among the students by visiting programme conducted by Department of Rural Development at Subhaiahvidyalaya on 30.12.2018					



Conducted Campus cleaning programme on 31.01.2019	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Clean campus	NSS Volunteers	-
					
Designing, printing and fixing of boards around the campus on the "plastics ban" in the campus	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Clean campus	NSS Volunteers	-
Displayed boards on How to be a good citizen by fixing the board at Academic block and Library	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Responsible citizen	NSS Volunteers	-
"Voters awareness" created among the staff and students, by displaying the	Fisheries College and Research Institute,	Fisheries College and Research Institute,	Vote 100%	NSS Volunteers	-

Voters awareness poster in the Notice boards of this institute	Thoothukudi	Thoothukudi			
					
"Voter awareness Signature Campaign" inaugurated by Shri.SandeepNandhuri, IAS, DistrictCollector, Thoothukudi on 21.02.2019	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Voter awareness	NSS Volunteers	-
					
Conducted Campus cleaning programme on 20.02.2019	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Clean campus	NSS Volunteers	-



Received IAB Blind Empowerment Champion 2019 "SILVER ZONE award"	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Helping Blind education	NSS Volunteers	-
Organized Plastic Annulment awareness cum cleaning drive at Port Trust Beach on 10.03.2019.	NSS Unit FC&RI	FC&RI, Thoothukudi	Awareness on annulment of plastic	NSS Volunteers	-



The NSS unit of Fisheries College and Research Institute, Thoothukudi, organized Awareness cum cleaning drive at Port Trust Beach on 10.03.2019. Dr.P.Velayutham, Dean, Fisheries College and Research Institute inaugurated the cleaning drive. Total 80 NSS volunteers of this college turned out to the beach to clean. Further, the NSS volunteers created **"Sand Arts"** on the theme **"Plastic Free Tamil Nadu"** which attracted numerous beach visitors and appreciated the efforts of the student volunteers. Mr.T.Ravikumar, NSS programme officer/Assistant Professor of the institute coordinated

the event.

Organized Pot painting as part of Voter awareness programme on 26.03.2019	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Voter awareness	NSS Volunteers	-
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The NSS unit of Fisheries College and Research Institute, Thoothukudi, organized "Pot Painting" as part of Voter awareness programme at its Academic Block on 26.03.2019. Twenty students of this college were actively participated and portrayed different images on the pot with the theme "VOTE". The programme was inaugurated by Dr. P. Velayutham, Dean i/c., Fisheries College and Research Institute, Thoothukudi. Thiru.T. Ravikumar, Assistant Professor and NSS Programme Officer, co-ordinated the entire camp.

Organized "Mobile Lighting" and established the image as "VOTE 100%" as part of Voter awareness programme at F&RI playground on 27.03.2019. The programme was inaugurated by Dr.Anu, IAS., Assistant Collector (Training), Thoothukudi.	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Voter awareness	NSS Volunteers	-
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The NSS unit of Fisheries College and Research Institute, Thoothukudi organized "Mobile Lighting" and established the image as "VOTE 100%" as part of Voter awareness programme in the playground on 27.03.2019. Hundred students of this college were actively participated and used their mobile torch to produce image "VOTE 100%". The programme was conducted in presence the Assistant Collector, Dr. Anu, I.A.S., Dr. P. Velayutham, Dean i/c., Fisheries College and Research Institute, Thoothukudi and Dr. K. Veerabhadran, Vice President Students Association, were present. Thiru. T. Ravikumar, Assistant Professor and NSS Programme Officer co-ordinated the entire camp.

Organized a Blood Donation Camp on 28.03.2019 and donated 45 units of blood to the Government medical college Blood Bank, Thoothukudi.	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	45 units of blood donated	NSS Volunteers	-
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The NSS unit of Fisheries College & Research Institute, Tamil Nadu Dr. J. Jayalalithaa Fisheries University (TNJFU), Thoothukudi organized a Blood Donation Camp on 28.03.2019. The donors were initially screened for the blood group and 45 eligible NSS volunteers donated the blood. The camp was inaugurated by Dr. P. Velayutham, Dean i/c., Fisheries College and Research Institute, Thoothukudi. In the end, certificates were issued to the student volunteers who donated blood. Thiru. T. Ravikumar, Assistant Professor and NSS Programme Officer, made arrangement the Blood donation camp.

Organized "Face Painting" at as part of Voter awareness	Fisheries College and Research	Fisheries College and Research	Voter awareness	NSS Volunteers	-
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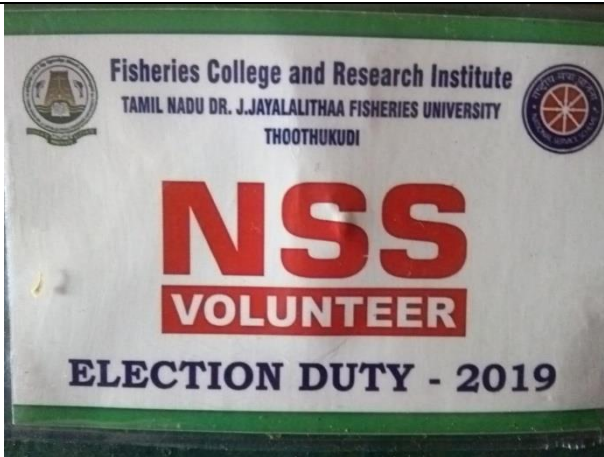
programme on 29.03.2019. Shri. SandeepNandhuri, IAS., District Collector, Thoothukudi and Dr.Anu, IAS, Assistant Collector (Training) inaugurated the event.	Institute, Thoothukudi	Institute, Thoothukudi			
					
					
Conducted "Voter awareness Rally" to motivate the public towards "VOTE 100%" on 30.03.2019. The	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Voter awareness	NSS Volunteers	-

event is formally inaugurated by Shri. Simranjith Singh, IAS, Sub Collector Thoothukudi and Dr.Anu, IAS., Assistant Collector (Training), Thoothukudi.					
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The Fisheries College and Research Institute, Thoothukudi, organized a "Rally" from Fisheries College Teachers Quarters, Teachers colony to old bus stand as part of Voter awareness programme on 30.03.2019. 250 students of this college were actively participated in the said programme. The programme was formally inaugurated by Shri. SimranjithSingh, IAS., Sub Collector and Dr. Anu, I.A.S., Assistant Collector (Training) Thoothukudi, who witnessed and appreciated the effort of the Fisheries College and Research Institute in creating awareness among the people of Thoothukudi. Dr. P. Velayutham, Dean i/c., applauded the effort of the students in making of very successful voter awareness programme. Dr.K.Veerabhadran, Vice President Students Association, Fisheries College and Research Institute, Thoothukudi also encouraged the students. Thiru.T.Ravikumar, Assistant Professor and NSS Programme Officer, Fisheries College and Research Institute, Thoothukudi co-ordinated the entire camp. Thiru. A.KumaraKannan, student NSS Secretary proposed vote of thanks.

NSS volunteers of FC&RI served as Parliamentary Election Volunteer and Assisted Thoothukudi CIPCOT Police on 18.04.2019.	Thoothukudi CIPCOT Police station	Polling booth	Assisted smooth conducting of Parliamentary Election	23 NSS Volunteers	Thoothukudi Police station
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NSS volunteer and NSS programme Officer of FC&RI received appreciation award from the Dean, FC&RI on behalf of Tamil Nadu State Aids Control Society and State Blood transfusion Council, Chennai for donating blood on 28.03.2019.	NSS unit FC&RI	FC&RI, Thoothukudi 28.03.2019	Donation of 45 unit of Blood	45 NSS volunteers	Medical College Hospital, Thoothukudi
					
On the eve of World Ocean day on 08.06.2019 the NSS unit of FC&RI and Department of Fisheries jointly organized "Thoothukudi Fishing Harbour	NSS unit FC&RI	Fishing Harbour	Clean Fishing Harbour	25	Department of Fisheries, Thoothukudi

cleaning programme" on 08.06.2019					
					
Conducted campus cleaning programme on 11.07.2019	NSS Unit FC&RI	FC&RI, Thoothukudi	Clean campus	45 NSS volunteers	-
					
Conducted following programmes under Swachhtapakhwada from 1 to 15 th August, 2019					
SwachhtaShapath (Oath), seminars and Discussions on 1st August, 2019	NSS Unit FC&RI	FC&RI, Thoothukudi	Clean campus	35	60

					
NSS Units volunteers Cleaning the campus and class rooms	NSS Unit FC&RI	FC&RI, Thoothukudi	Clean campus	60	-
					
NSS Units volunteers Door to Door campaign on importance of cleanliness and Open Defecation Free Campaign conducted in the adopted villages and Kombudurai, Thoothukudi District on 06.08.2019	NSS Unit FC&RI	FC&RI, Thoothukudi	Clean and Open defecation Village	50	Govt Middle School, Kombudurai

					
NSS Units volunteers Intensive cleaning of the adopted village school 06.06.2019	NSS Unit FC&RI	FC&RI, Thoothukudi	Clean school	50	Govt Middle School, Kombudurai
					
NSS Units volunteers participated in the Campus cleaning programme conducted on 12.08.2019	NSS Unit FC&RI	FC&RI, Thoothukudi	Clean Campus	60	-

					
On the eve 150th Birth Anniversary of Mahatma Gandhi conducted Essay writing competition both in Tamil and English on 25.09.2019	NSS Unit FC&RI	FC&RI, Thooth ukudi	Celebration of Gandhiji Birth anniversary	20	-
					
Briefing the activities of NSS unit of FC&RI on the eve of Orientation programme for the new B.F.Sc batch 2019-20 on 04.09.2019	NSS Unit FC&RI	FC&RI, Thooth ukudi	Orientation of NSSactivitites	200	-

					
Conducted tree plantation programme on the eve of Orientation programme for the new B.F.Sc batch 2019-20 on 04.09.2019	NSS Unit FC&RI	FC&RI, Thoothukudi	Planted 13 saplings	200	-
					
Staff of FC&RI planted trees (5 Nos) on 04.09.2019	NSS Unit FC&RI	FC&RI, Thoothukudi	Planted saplings	10	-
					
The NSS unit of	FC&RI,	Fishing	Clean Harbour	50	Departm

Fisheries College and Research Institute, Thoothukudi, and Department of Fisheries, Thoothukudi jointly organized Coastal cleanup day at Fishing Harbour on 21.09.2019	Thoothukudi&Department of Fisheries, Thoothukudi	Harbour			ent of Fisheries , Thoothukudi
					
On the eve 150 th Birth Anniversary of Mahatma Gandhi conducted Elocution competition on 01.10.2019	NSS unit, FC&RI, Thoothukudi	FC&RI, Thoothukudi	Conducted Elocution competition	100	-
					
Campus cleaning programme conducted on	NSS unit, FC&RI, Thoothukudi	FC&RI, Thoothukudi	Cleaned campus	60	-

02.10.2019					
					
Visited photo exhibition conducted by VOC college, Thoothukudi in connection with 150 th Birth Anniversary of Mahatma Gandhi on 04.10.2019	VOC College, Thoothukudi	VOC College, Thoothukudi	Attended Photo exhibition	58	VOC College, Thoothukudi
Observing Integrity pledge on "Vigilance Awareness Week 2019" on 29 th October, 2019 at 11.00 a.m. at our campus.	NSS unit, FC&RI	FC&RI, Thoothukudi	Conducted Integrity pledge on "Vigilance Awareness Week 2019"	107	-
					
Poetry and Essay Writing competition were conducted on the eve of	NSS unit, FC&RI	FC&RI, Thoothukudi	Conducted "Vigilance Awareness Week 2019"	32	-

"Vigilance Awareness Week 2019" 31.10.2019					
					
Conducted Free Eye and Diabetes test camp with the help of Agarwal eye hospital and Mohan Diabetes centre, Thoothukudi at A.V.Hall on 14.11.2019	NSS unit, FC&RI	FC&RI, Thoothukudi	Conducted Free Eye and Diabetes test camp	109	Agarwal eye hospital and Mohan Diabetes centre, Thoothukudi
					

					
Campus cleaning programme conducted on 23.11.2019	NSS unit, FC&RI	FC&RI, Thoothukudi	Cleaned Campus	80	-
					
Essay writing competition was conducted on the eve of Constitution day on 25.11.2019	NSS unit, FC&RI	FC&RI, Thoothukudi	Celebration of Constitution day	22	-
Observed Constitution Day" by reading constitution preamble on 26.11.2019 at 11.00 a.m. at our campus.	NSS unit, FC&RI	FC&RI, Thoothukudi	Celebration of Constitution day	150	-
Quiz competition	Achievement during	Celebr	14	7	24

was conducted on the eve of Constitution day on 26.11.2019	the month	ation of Constitution day			
Elocution competition was conducted on the eve of Constitution day between 25.11.2019 and 26.11.2019	Achievement during the month	Constitution day	4	4	8
Sapling plantation was conducted on 14.12.2019	Achievement during the month	Planted 8 numbers of saplings	5	5	10
Observance of Voters day pledge on 24.01.2020	Achievement during the month	Observed Voters day pledge	-	-	-
"Martyr day" observed on 30.01.20120 by silence and take pledge against untouchability	Achievement during the month	Observed "Martyr day"	-	-	-
Conducted Campus cleaning programme on 06.02.2020	NSS unit, FC&RI	FC&RI, Thoothukudi	Cleaned campus	100	-

Awareness video created on COVID-19 and circulated in social media	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi.	Awareness on COVID-19	NSS Volunteers, Staff and Public	-
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Awareness on ArogyaSetu App and to the students and staff	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi.	Made aware of ArogyaSetu App information	NSS Volunteers and Staff	-
Circulated time to time govt. circulars to the students through social media	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi.	Made aware of COVID-19 circulars	NSS Volunteers and Staff	-
Circulated time to time govt. circulars to the students through social media	-	Made aware of COVID-19 circulars	-	-	-
Conducted online Workshop on JalSakthi and Swacch Campus on the eve of World Environment day	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi 05.06.2020	Awareness on JalSakthi and Swacch Campus	NSS Volunteers and Staff	-
Made aware of COVID-19 circulars and information	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi.	Awareness on COVID-19	NSS Volunteers, Staff and Public	-
Observance of Integrity pledge on the eve of	Fisheries College and Research Institute,	Fisheries College and Research Institute,	The participants were stressed on the	50 people (30 males and 20 female) including the	-

"Vigilance Awareness Week 2020" on 27 th October, 2020 at 11.00 a.m. at our campus.	Thoothukudi	Thoothukudi	importance of integrity and vigilance	staff of Fisheries College and Research Institute, Thoothukudi observed pledge	
Conducted University level Online Quiz on the eve of "Vigilance Awareness Week 2020" (from 27.10.2020 to 02.11.2020) on 27 th October, 2020	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	384 (170 males and 214 females) were benefitted	The staff and students from Five Colleges of Tamil Nadu Dr.J.Jayalalitha a Fisheries University participated	--
Selection committee meeting was conducted for selection of Institute level NSS volunteer for Pre Republic day camp	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Out of Two volunteers one NSS volunteer was selected	Two Student volunteers	--
Selection committee meeting was conducted for selection of	Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi	Out of Three volunteers one NSS volunteer was selected	Three student volunteers	--

University level NSS volunteer for attending of Pre Republic day camp at Trichy, National College.					
The South Zone Pre Republic day Parade Camp	State NSS Directorate	The National College, Thiruchirappalli 27.11.2020 to 06.12.2020	The volunteer was got trained in the parading	One NSS volunteer selected and nominated by the University	-
National Voters Day	NSS Unit of Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi 25.01.2021	"Making our Voters' Empowered, Vigilant, Safe and Informed" the theme of the 11 th National Voters' Day, 2021 was made known to all participants and the importance of voting was stressed.	The staff and students of FCRI, Thoothukudi	Students' Association of FCRI, Thoothukudi
Martyr's Day celebration	NSS Unit of Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi on 29.01.2021 (instead of 30.01.2021 that falls on holiday)	Administered the pledge on "Silence and Take pledge against untouchability "	The staff and students of FCRI, Thoothukudi	--

Observation of National Science Day	NSS Unit of Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi on 01.03.2021	New scientific models for culturing fish were created by the volunteers	The staff and students of FCRI, Thoothukudi	--
Azadka Amrut Mahotsav	NSS Unit of Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi 18.03.2021	The staff and students were given an opportunity to know about the programme and interested students were participated in essay writing competition on India's freedom struggle.	The students of FCRI, Thoothukudi	--
World Water Day Celebration	NSS Unit of Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi on 22.03.2021	The importance of water and measures for saving water was stressed with scientific evidences	The staff and students of FCRI, Thoothukudi	--
Voters Awareness Campaign	NSS Unit of Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi on 23.03.2021	The participants were encouraged and stressed to ensure 100% voting during the General Assembly Legislative Election to be held on 06.04.2021	The staff and students of FCRI, Thoothukudi	--

SVEEP (Systematic Voters' Education and Electoral Participation)	NSS Unit of Fisheries College and Research Institute, Thoothukudi	Fisheries College and Research Institute, Thoothukudi on 31.03.2021	As directed by the District Election Officer, the Election awareness video has been played for creating awareness of 100% voting among the staff of this institute	The staff and students of FCRI, Thoothukudi	District Electoral Office, Thoothukudi district
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Other activities :

Sl. No.	Programme	Details	Date
1.	Blood Donation camp	Forty two units of blood of various group was collected by the district blood bank officials	30.06.2016
2.	An Eye Camp was organized by the NSS Unit of this Institution along with Dr. Agarwal's Eye Hospital, Thoothukudi	A total of 134 persons including staff and students were benefitted from the camp	29.09.2016
3.	Vigilance Awareness Week 2016	The week long programme was marked by a pledge by all staff on 31.10.2016, followed by organizing elocution and essay writing competitions among students during the week. On 02.11.2016, a special awareness campaign was conducted involving all students and staff of the institute. The event was coordinated by the NSS unit of the Institute in collaboration with NTPL, Thoothukudi	31.10.2016 to 05.11.2016
4.	"VISAKA" campaign	An awareness programme on "Digitalization of Transactions in Fish Market" at Kombuthurai Village, a fishing hamlet near Kayalpattinam of Thoothukudi District on 06.01.2017. The programme was organized under the "VISAKA" campaign implemented by Government of India from 12 th December, 2016 to 12 th January, 2017	06.01.2017
5.	General Medical Camp	organised a General Medical Camp in	27.01.2017

	at Kombudurai Village	collaboration with Thoothukudi Sterlite Copper Ltd. at Kombudurai village	
6.	Organized the NSS special camp at Kurukattoor village of Thoothukudi district	Fifty NSS volunteers of this college stayed at Kurukattoor village and actively took part in the camp	12.03.2018 to 18.03.2018
7.	Organized a seminar on 'Personal hygiene and Eradication of Dengue'	This programme is held under special 'SwatchhtaPakwada' directed by the Government of India during the fortnight starting from 01.08.2017.	03.08.2017
8.	An awareness programme on 'Eradication of Dengue and Anti-Dengue Measures'	The students are being regularly engaged in campus cleaning as part of dengue eradication measures of this institution. Health drink (Nilavembu concoction) against dengue was also distributed to all students and staff of this institute.	30.10.2017
9.	Organized an cleaning drive at Muthu Nagar Beach	Sixty NSS volunteers of this college turned out to the beach. The participants removed garbage, debris and non-bio degradable materials found on the beach which, in turn motivated local populace towards maintaining a clean environment.	24.02.2018
10.	Organized the NSS special camp at Kurukattoor village of Thoothukudi district	Fifty NSS volunteers of this college stayed at Kurukattoor village and actively took part in the camp.	14.03.2019 to 20.03.2019
11.	Organized the NSS special camp at Sethukuvaithan village of Thoothukudi district	Fifty NSS volunteers of 2017-18 B.F.Sc batch of this college stayed at Sethukuvaithan village and actively took part in the special camp	13.02.2020 to 19.02.2020.

B. Dr MGR FISHERIES COLLEGE AND RESEARCH INSTITUTE, Ponneri

Yes, the sports/games, cultural activities and NSS programmes are being regularly organized by the institute. The details are as follows:

S.No	Date of the event	Name of the sports event
1.	01.07.2016	The Second ANNUAL Sports Day
2.	15.06.2017	The Third Annual Sports Day
3.	22.01. 2018-28.01.18	University player selection meet and pre-coaching camp
4.	27.06.2018	The Fourth Annul Sports Day
5	21.03.2019-22.03.2019	"Kurushetra" - Inter collegiate Tournament (Volley Ball, Futsal, Throw ball and Basket ball)
6.	25.04.2019	The Fifth Annual Sports Day

S.No	Date of the event	Name of the cultural event
1.	01.07.2016	The Second Annual college Day
2.	26.12.2016	Seasons Fest 2016
3.	24.03.2017	PONFIMA 2017
4.	16.06.2017	The Third Annual college Day
5.	23.03.2018	PONFIMA 2018
6.	27.06. 2018	The Fourth Annul College Day
7.	08.01.2019	Traditional day 2019
8.	22.03.2019	PONFIMA 2019 and EUREKA 2019
9.	25.04.2019	The Fifth Annual College Day
10.	10.01.2020	Traditional day 2020

S.No	Date of the event	Name of the NSS programme
1	24.07.2017 to 30.07.2017	NSS special camp
2	20.09.2017	Cleanliness of India
3	14.10.2017	Cutting of grasses in the campus to prevent Dengue fever
4	13.10.2017	Nilavembu water distribution event
5	04.02.2018	RIDLEY RUN'18 – Run for Turtle" Marathon event
6	30.06.2018	Swachh Bharat summer Internship
7	07.08.2018 – 13.08.2018	NSS special camp
8	15.09.2018	International Coastal Cleanup 2018-19 program
9	16.11.2018	"Distribution of Nilavembu water"
10	02.12.2018	campus cleaning programme
11	23.01.2019	tree sapling plantation programme
12	26.02.2019	Voters awareness campaign
13	06.09.2019 to 10.09.2019	NSS special camp
14	23.07.2019	blood donation Camp
15	21.09.2019	International Coastal Clean-up Day
16	25.10.2019	Nilavembu water distribution event
17	21.11.19	World Fisheries Day
18	16.02.2020	Campus cleaning programme
19	03.03.2021	campus cleaning programme
20	26.03.2021	Systematic Voters' Education and Electoral Participation Program [SVEEP]"

Details of Participation of students in ICAR sponsored events (Agri-unifest/ Agri-sports/ any other) and award/medals received

S.No	Date of the event	Name of the ICAR sponsored events (Agri-unifest/ Agri-sports/ any other)	Award/medals received
1.	30.01.2018-03.02.2018	All India Inter Agri Universities and sports Meet 2017-18	-
2.	02.01.2019-05.01.2019	All India Agicultural sports and games meet	-
3.	01.03.2020-05.03.2020	National AIAU Sports & Games meet' 2019-2020	-

The students of this college are regularly practicing using the sports infrastructure facilities in the non-working hours of the campus and participating in regional, state and national level sports events. The college also organizes the inter batch sports events to build up team spirit and sportsmanship among the students during the sports day and Hostel Day occasions. Many friendly matches were also conducted during weekend to encourage the sportsmanship among the students.

C. College of Fisheries Engineering, Nagapattinam

S.No	Date	Name of the event
1.	28.09.2017	Cleaning of Nagore Fish Landing Centre
2.	12.10.2017 13.10.2017 14.10.2017 15.10.2017 16.10.2017	Dengue Awareness Programme Nilavembu Extract Distribution Campus Cleaning Campus stacking water cleaning Dengue Awareness Campaign
3.	14.02.2018	Carrier Guidance programme
4.	28.02.2018	National Science Day
5.	04.04.2018	Tree Plantation Programme
6.	07.05.2018 – 13.05.2018	NSS Special Camp
7.	05.06.2018	World Environment Day
8.	19.06.2018	Foundation Day
9.	22.09.2018	Swachhata Hi Seva
10.	01.07.2018	Swatchh Bharat Summer Internship Programme

11.	25.01.2019	National Voters Day
12.	02.05.2019 – 08.05.2019	NSS Special Camp
13.	30.09.2019	Gandhi Jayanthi
14.	30.01.2020	Martyr's Day
15.	01.10.2020	Gandhi Jayanthi
16.	12.01.2021	National Youth Day
17.	08.02.2021	Red Ribbon Club
18.	28.07.2021	Mass Tree Plantation Event

6.6.6.3. Health Facilities: Provide the brief information about medical facilities available in the head quarter and off-campus. A brief about Health Insurance scheme being implemented at the University may be provided.

A. Fisheries College and Research Institute, Tuticorin

A Medical Officer visits the campus twice a week on Tuesdays and Thursdays from 4.00-5.30pm. A separate place has been given to the Medical Officer near the Hostel Office. Both boys and girl students make use of the consultation facilities. Medical kits and first aid kits are available in both the hostels for emergency purpose. All the students are enrolled in United India Insurance Company Ltd., Student Safety Policy. A premium of Rs. 200/- is paid every year. Claim can be made for accident, injury and death of the students. Currently 256 students have enrolled in the scheme.

B. Dr MGR FISHERIES COLLEGE AND RESEARCH INSTITUTE, Ponneri

Health Centre is available in the campus with basic medical facilities. The center is being visited by Medical Officer (contractual basis) on every Tuesday and Thursday of a week for the benefit of the staffs and students of the institute.

All the staffs of institute are covered under National Health Insurance scheme as per the University norms.

C. College of Fisheries Engineering, Nagapattinam

Health centre is available in the campus with facilities such as patient structure, wheel chair, stethoscope, kidney dish, water bath, saline stand, tray and first aid box. Further all the students are enrolled into Group Health Insurance.

6.6.6.4. *Sports and Cultural Facilities: Give detailed report of sports and games facilities and auditoriums available for cultural events.*

A. Fisheries College and Research Institute, Tuticorin

Sports facilities:

Sl. No	Facility	Nos.	Use
	Outdoor		
1	Football Field	1	The football field consists of flood light, which is maintained by a marker. The field is being used by students regularly to play football, cricket, practicing athletic events
2	Volleyball court	3	The individual volleyball court for men and women consists of flood light, which is maintained by a marker. The court is being used by students regularly to play volleyball.
3	Basketball Court	1	The basketball court located at college campus consists of flood light, which is maintained by a marker. The court is being used by students regularly.
4	Kabaddi court	1	The Kabaddi court located at college campus consists of flood light, which is maintained by a marker. The court is being used by students for their regular practice.
5	Kho-Kho court	1	The Kho-Khocourt located at college campus consists of flood light, which is maintained by a marker. The court is being used by students for their regular practice.
	Indoor		
1	Fitness center	2	The fitness center consists of Multi-gym for men and women separately. The center is being used by the students to improve health.
2	Badminton court	1	The Badminton court provided with flood light. The facility is being used by the students to improve health.
3	Table Tennis	2	The Table Tennis provided for men and woman separately. The facility is being used by the students to improve health.

Cultural facilities

The College has an auditorium named "Kayal" with a seating capacity of 250 was constructed during 1998. Cultural events, functions and other programmes are being taken place in the auditorium very frequently. The auditorium has well equipped with audio visual facilities.

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

Sports facilities:

Indoor games like carrom, table tennis, chess and Shuttle court facilities are available for boys and girls student in the college hostels. The outdoor games like volleyball, basketball futsal courts and throw ball court (women) are available in the college campus. In this year our college has established the sports facility like Kabadi ground, Volleyball (women) ground also we create the athletes' facility for Long jump and High jump and lighting facility arranged for throw ball court (women).

Multipurpose Hall/Auditorium:

A hall with 150 seating capacity with multiple digital display screens and projector is available in the campus and being utilized as a cultural center to develop positive interaction among students.

C. College of Fisheries Engineering, Nagapattinam

Cultural events are conducted in the seminar hall available at CoFE. Following are the events conducted at CoFE in the last five years. In addition to in house cultural events students have been taken to other constituent colleges for participating in the cultural events

S.No	Date	Name of the event
1.	01.03.2017	Fizzoree & Fisfest - 2017
2.	24.03.2017	PONFIMA - 17
3.	05.09.2017	Tamil Development
4.	12.02.2018 – 16.02.2018	Agri Unifest
5.	23.02.2018	Fizzoree & Fisfest - 2018
6.	23.03.2018	PONFIMA - 18
7.	29.06.2018	Tamil Nadu Golden Festival
8.	23.08.2018	Tamil Development
9.	25.08.2018	VIYUGA
10.	04.09.2019	Orientation programme for the First year COFE and CEEE students
11.	22.07.2019	Jal Diwas (World Water Day)
12.	25-09-2019	Freshers' day
13.	27.09.2019	Inauguration of Students' Association
14.	16/10/19	World Food Day
15.	05.03.2020 – 06.03.2020	Fizzoree & Fisfest - 2020
16.	20.03.2020	PONFIMA - 20

Sports facilities

CoFE students participate in various sports events conducted at district and national level.

Students participating” Mini Marathon on the 144th Birth Anniversary of Sardar Vallabhbhai Patel on 31.10.2019 at TNJFU Nagapattinam

Tamil Nadu Dr.J.Jayalalithaa Fisheries University organized a Mini Marathon "Run for Unity" on the 144th birth anniversary of SardarVallabhbhai Patel at Nagapatinamon 31-10-2019. A total of 20 boys and 20 girls from College of Fisheries Engineering & College of Energy and Environmental Engineering participated. A total of 100 boys and 97 girls from various constituent colleges of Tamil Nadu Dr. J. Jayalalithaa Fisheries University participated. Dr. A. Srinivasan, Registrar, TNJFU, flagged off the race for boys from Nagapatinam New bus stand and for girls from District collectrateand the end point is Tamil Nadu Dr. J. Jayalalithaa Fisheries University. Selvan. V. Nithish, Selvan. P. Pugazhandi and Selvan.S.Sridharmani, have won the first three places in boys category and Selvi. M.P. Sneekha,Selvi. S. Sangeetha and Selvi. S. Jothika, have won the first three places in girls. Dr. B. Ahilan, Sports Committee Chairman, TNJFU, gave the presidential address. Prof. S. Felix, Vice - Chancellor, TNJFU, distributed the medals and trophy to the winners and in his address, he remembered the great effort done by Iron man of India, SardarVallabhbhai Patel in unifying the desperate princely states after independence and urged that unity and integrity is the need of the hourfor taking the nation forward.Er.R.Regupathi, Sports Secretary Dr. D. Natarajan, Assistant Director of Physical Education coordinated the students for participation.

Celebration 71st Republic day

College of Fisheries Engineering & College of Energy and Environmental Engineering, Nagapattinam, a constitute college of Tamil Nadu Dr. J. Jayalalithaa Fisheries University; Nagapattinam celebrated the 71st Republic Day in a grand manner. The students and staff of College participated in the programme. The Dean, Dr. R.Rajendran and Officer i/c CEEE Dr.N.Manimehalai, was escorted to the Dais by the Security Staff Commander and the Students' Captain along with Dr. D. Natarajan, Assistant Director of Physical Education. A guard of honour was performed by the Security Staff and the students. The Dean unfurled the National Flag and the College staff, students and Security personnel honoured the National Flag. The programme was co-ordinated by Assistant Director of Physical EducationDr. D. Natarajan.

College sports Teams Selection

In the College of Fisheries Engineering & College of Energy and Environmental Engineering, Nagapattinam, Volleyball (M/W), Kabaddi (M), Basketball (M) and Athletic (M/W)team selection had been conducted on January 22 to 23 2020 our Dean Dr. R.Rajendran and Officer i/c CEEE Dr.N.Manimehalai gave a motivational speech to get the most of the purpose we play. The entire event was arranged by Dr.D.Natarajan, Assistant Director of Physical Education.

Students participation TNJFU University Team Selection at Thoothukudi

College of Fisheries Engineering & College of Energy and Environmental Engineering, Nagapattinam totally 40 students participating TNJFU University team selection Volleyball (M/W), Kabaddi (M), Table Tennis (M), Basketball (M) and Athletic (M/W) Selection was conducted on 30.01.2020 to 31.01.2020 at Fisheries College and Research Institute, Thoothukudi. Finally our three students selected TNJFU University team. The entire event was arranged by Dr.D.Natarajan, Assistant Director of Physical Education.

Students participating TNJFU University team Coaching Camp for 20th All India Agricultural Sports and Games meet

For the 20th All India Agricultural Sports and Games Meet, College of Fisheries Engineering & College of Energy and Environmental Engineering, Nagapattinam totally 3 players were selected from TNJFU university team. And a coaching camp was conducted for them from 22.02.2020 to 28.02.2020 at Fisheries College and Research Institute, Thoothukudi. The entire event was arranged by Dr.D.Natarajan, Assistant Director of Physical Education

Students participating Participated in 20th All India Agricultural Sports and Games meet

The 20th All India Agricultural Universities Sports and Games Meet 2019 - 20, was hosted by the Sri Venkateswara Veterinary University, from 1st March to 5th March 2020 at Tirupati. The prestigious All India Agricultural Universities Sports and Games Meet 2019-20, a five days sports extravaganza brought together over 2500 athletes representing 65 states Agricultural, Fisheries, Horticultural and Veterinary Universities from all states of India.

The team from the Tamil Nadu Dr.J.Jayalalithaa Fisheries University had a contingent strength of 40 participants. Our College of Fisheries Engineering & College of Energy and Environmental Engineering, totally 3 players was participated in the 20th All India Agricultural Universities Sports and Games Meet. The entire event was arranged by Dr.D.Natarajan, Assistant Director of Physical Education.

The Following College of Fisheries Engineering & College of Energy and Environmental Engineering, Nagapattinam players are participants 20th All India Agricultural Universities Sports and Games Meet.

S.NO	Name of the Students	Name of the Event
1	Shannu.K	Basketball & 4x100R
2	Madhavi.T	Volleyball
3	Nithish.V	100m, 200m & 4x100R

6.6.6.5. Student Counseling and Placement Cell: Give detailed report on placement cell and provide the report for recruitment of students by firms in last five years. What is the mode and mechanism of counseling being followed at the University level?

A. Fisheries College and Research Institute, Tuticorin

The students' placement and career guidance cell of Fisheries College & Research Institute, Thoothukudi has been functioning at FC&RI, Thoothukudi since 2003. It arranges for the conduct of campus interview for the selection of fisheries graduates for various corporate companies. The cell maintains a computerized database of fisheries graduates and postgraduates. Utilizing this database, the cell provides the list of graduates to the recruiting agencies. The cell collects and disseminates higher education information available from various sources for the welfare of the student community. The cell regularly sharing the job availability details to current and passed out students through email and social media. The cell conducts mock examinations to make the students industry ready. It also assists the industry as well as other organizations to source the fisheries professionals for their company by providing passed out students' bio-data.

The cell also provided the list of fisheries graduates' biodata to Shenlong, Muthuzhaglu fish farm, Gadre Marine Export Pvt. Ltd and KeminAquascience, etc., for the placement of fisheries graduates.

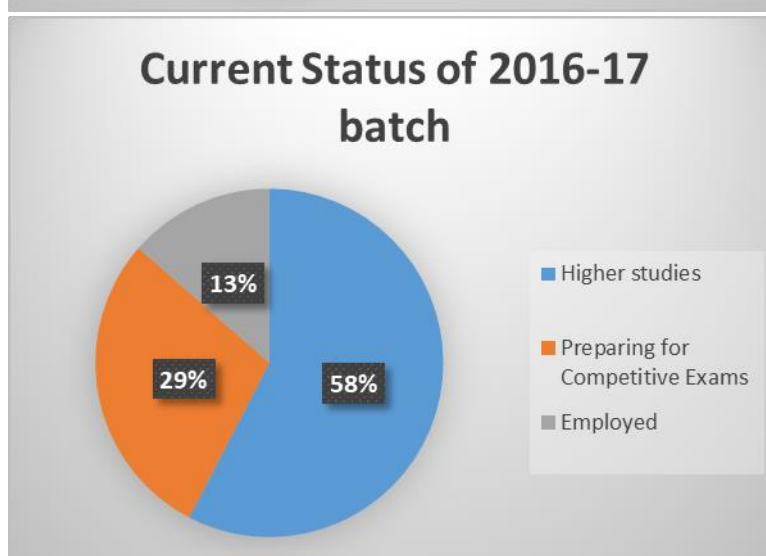
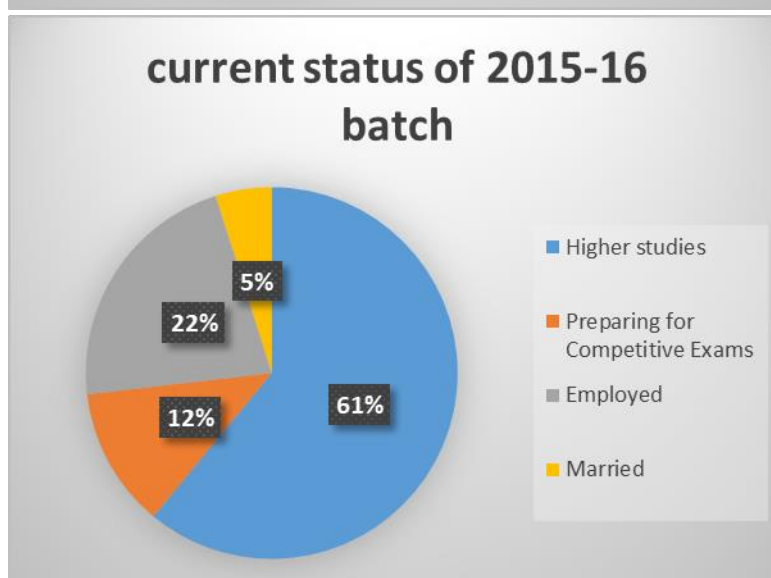
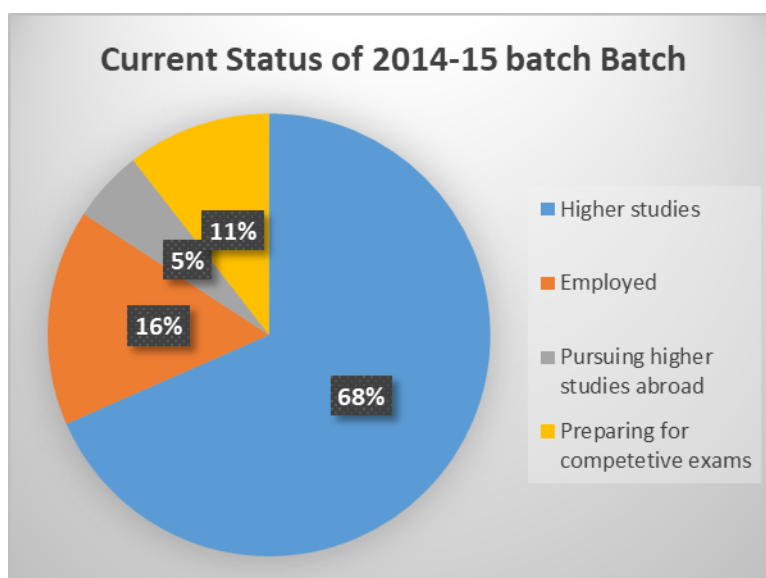
During the year under report (2019-20), the cell has contacted the following concerns for the placement of fisheries graduates.

1. M/s. CP Aquaculture Private Limited, Chennai (Selvin Jayakumar - 9940013015)
2. M/s Muthazhagu fish farm, Theni district (Sudhakar K.P. - 7373747583)
3. M/s GadreMarine Export Pvt. Ltd. (Dr.Arote - 9823120179)
4. M/s. KeminAquasciencePvt. Ltd (Edwin – 9941394171)

The graduates are well placed in various central and state organizations, universities and private sectors. Some of them have transformed into big entrepreneurs and providing job opportunities for a fairly large number of people.

B. Dr MGR Fisheries College and Research Institute, Ponneri

The Student's Placement and Career guidance cell of Dr. M.G.R Fisheries College and Research Institute, Ponneri makes arrangement for the conduct of campus interview for the placement of fisheries graduates in aquaculture and fish processing industries. The cell maintains a database of fisheries graduates and postgraduates who have passed out from the Institute and provides the list to various corporate companies and educational institutes under SAUs for recruitment. Further, the cell collects and disseminates information on higher education in India and abroad for the welfare of the student community.



During every year under report, the cell arranged a campus interview for M/s. CP Aquaculture, Chennai for the benefit of outgoing UG and PG students. In addition, the cell

conducted six ICAR - JRF mock examination for the benefit of the final year B.F.Sc. students for every year. Out of 19 students from 2014-15 batch, 8 students got good ranks in ICAR - JRF examination (2017-18) and secured PG admission in ICAR-CIFE, Mumbai, West Bengal University of Animal and Fishery Sciences (WBUAFS), Kolkata & Sri Venkateshwara Veterinary University (SVVU), Tirupathi. Three students got placement in WaterBase, Nellore and Andhra Pradesh as quality controller. Out of 41 students from 2015-16 batch, 10 students got good ranking in ICAR-JRF examination and pursuing PG degree in ICAR-CIFE, Mumbai. Out of 59 students from 2016-17 batch, 11 students got good ranking in ICAR-JRF examination and pursuing PG degree in ICAR-CIFE, Mumbai.

Recruitment of students by firms in last five years:

Students' Placement and Career Guidance Cell (SP & CGC) of Dr. M.G.R Fisheries College and Research Institute, Ponneri has organized the campus drive from M/s. CP Aquaculture, Chennai on 28.07.21 at ARTP, Madhavaram. The outgoing final year B.F.Sc. (2017-18 batch) students have attended the personal interview and around 8 students were shortlisted for second round interview.

Five undergraduate students got placement in M/s. Hybreed Aqua-Pondicherry, M/s. Virbac-Pattukottai and Shrimp Farm-Ponneri as Technician, Territory Sales Executive and Supervisor, respectively. Six postgraduate students got placed in TNJFU, SVVU and M/s. Unibio India Hatchery, Chengalpattu at different positions during 2020-21.

Campus interview was organized from M/s. CP Aquaculture, Andhra Pradesh and M/s. Bismi Prawn Farms (p) Ltd., Ongole, AP on June 2019. Four undergraduate students got placement in M/s. CP Aquaculture, AP and State Fisheries Department as Farm Technician and Field Activity Monitor, respectively. Eleven postgraduate students got placed in CAA, CIFE, CMFRI, TNJFU, State Fisheries Department, M/s. CP Aquaculture and M/s. Salem Microbes at different positions.

For 2014-15 batch, the cell arranged a campus interview for M/s. CP Aquaculture, Chennai for the benefit of out going UG and PG students. the cell conducted six ICAR - JRF mock examination for the benefit of the final year B.F.Sc. students. Six students got placement in M/s. Water Base, Nellore, Andhra Pradesh and M/s. Sheng-Long, Tiruvallur unit as quality controller and Farm Technician.

Mode and mechanism of counseling being followed at the University level:

Group discussion and special lectures on "Facing an interview: Tips and tricks to boost your confidence" and "CP Aquaculture-an overview" were organized from the Cell with the support of M/s. CP Aquaculture, Chennai on 21.10.19 and 19.03.21.

Faculty members have discussed personally with the students regarding ICAR-JRF examination and placement opportunities.

The Cell arranged a lecture on "Career and Higher studies opportunities of B.F.Sc" during Orientation Programme of first year (B.F.Sc. 2020-21 Batch) on 10.02.21, for I B.F.Sc. 2019-20 batch during September 2019 and for I B.F.Sc. 2018-19 batch on 05.09.18.

C. College of Fisheries Engineering, Nagapattinam

Particulars	2018-19	2019-20
Students passed out	20	20
Higher studies	8	5
Government Employment	1+*2	-
Private Employment	5	07
Civil /Banking services exam preparation	4	8
Job seekers	-	-

* On contractual basis

6.6.6.6. Disabled Friendly Facilities: What kind of facilities is available for differently abled persons in the campus? Give a brief report.

The following provisions are made in University building viz., ramp at the entrance, lift facility for going first floor, toilet for disabled person are available in the all the three campuses.

6.6.7. Infrastructure

6.6.7.1. Physical facilities including administrative building and lands: Give comprehensive report on the administrative buildings, academic blocks, Colleges research units' instructional farms, seed production units etc. for each College and University Head Quarter.

University Headquarters

Facility	Area (in Sq. m)
Office of the Vice Chancellor	128.3
Office of the Registrar	173.51
Office Controller of Examinations	301.94
Directorate of Research	173.51
Directorate of Extension	173.51
Finance Office	223.04
Estate Office + Referral Laboratory	223.04
Library	128.43
Recruitment Hall	128.43
Board Room	53.00
Seminar Hall	223.04
Reception	107.00
Library	332.35

Fisheries College and Research Institute, Thoothukudi

Facility	Area (in Sq. m)
Auditorium	536.74
Library	332.35
New Academic building	718.20
Department of Aquaculture	279.30
Department of Aquatic Environment Management	217.26
Department of Fish Pathology and Health Management	215.94
Department of Fish Processing Technology	550.00
Department Fishing Technology and Fisheries Engineering	450.86
Department of Fish Quality Assurance and Management	419.24
Disease Surveillance Laboratory	344.10
Bio technology building	341.40
Basic Science building	141.42
Extension building	151.50
Economics building	341.40
Feed Mill	220.15
Cat fish Hatchery and e-learning	119.12
Museum	276.00
Aquarium	42.78
ELP Building	67.00
Race way Complex	160.00
Fitness Centre	79.36
Play ground	16800.00
Indoor stadium	284.48
Boys dining hall	305.05
Day Scholars' Centre	59.80
Canteen	55.12
Farm Office	23.58
Garden/ Longue	1400.00
Old Power room	84.48
Generator room	34.81
Open space	155149.85
Reservoir	27000.00
Fish pond	8700.00
UG Boys' Hostel I	329.25
UG Boys' Hostel II	241.97
New PG Boys' Hostel	326.55
Boys' hostel kitchen	113.95
Total Area	216913

Dr.MGR Fisheries College and Research Institute, Ponneri

Facility	Area (in Sq. M)
Main building & Academic block	9056.63
Students hostels	4068.00
Housing for staff	850.00
Incubation center	217.00
Food Techno Park	103.00
Museum building	224.00
Total Area of the college	14518.63

College of Fisheries Engineering, Nagapattinam

Facility	Area (in Sq. M)
Administrative Block	4085
College of Fisheries Engineering block	4657
Class Room Block	995
Auditorium	1689
Library	1713
Teaching Quarters	332
Non-Teaching Quarters	372
Boys Hostel	887
Girls Hostel	887
Workshop-I	410
Workshop-II	410
EB Room-I	14
EB Room-II	14
Security Room and Entrance	27
Total Area	16,493

Directorate of Centre for Sustainable Aquaculture

No.	Facility	Area (in Sq. m)
1	Admin Office at 7 Centres	
	A. Directorate Head Quarters	1056
	B. Mandapam CeSA	450
	C. Kanyakumari Parakkai CeSA	300
	D. Kanyakumari Ganapathipuram CeSA	300
	E. Trichy CeSA	350
	F. Erode Bhavanisagar	384

	G.	Krishnagiri Barur CeSA	130
2		Hatchery Space	
		Mandapam CeSA	10,000
		Kanyakumari Parakkai CeSA	900
		Kanyakumari Ganapathipuram CeSA	2400
		Trichy CeSA	3000
		Erode Bhavanisagar	2400
		Krishnagiri Barur CeSA	1500
3.		Farm area	
		Mandapam CeSA	800
		Kanyakumari Parakkai CeSA	1000
		Erode Bhavanisagar	4000
		Krishnagiri Barur CeSA	25000
		Total Area	53970

**Directorate of Incubation and Vocational training in Aquaculture
Muttukadu, Chennai**

No.	Facility	Area (in Sq. m)
1.	Ground Floor (Museum, Library, Laboratories, Classrooms and Staff rooms)	950.00
2.	First Floor (Conference Hall, Meditation Hall, Computer Lab., Laboratories, Classrooms and Staff rooms)	950.00
3.	Second Floor (Farmers Training Hall, Seminar Hall, Examination Cell, Examination Hall, Classroom, Director chamber and Staff rooms)	950.00

Directorate of Incubation and Vocational Training in Fisheries, Ramanathapuram

No.	Facility	Area (in Sq. metre)
1.	Director's room	46.45
2.	Director's Office	48.77
3.	Fishing gear technology laboratory	46.45
4.	Fishing craft technology laboratory	48.77
5.	Nautical and Marine electronics Laboratory (ft.)	48.77
6.	Chart reading hall	46.45
7.	Marine engineering laboratory	37.16
8.	Marine engine workshop	48.77
9.	Basic science laboratory	46.45
10.	Library	48.77
11.	Class rooms (2 Nos) each with 525 sq.ft	97.54

12.	Smart Class room	48.77
13.	Examination and Placement cell	20.43
14.	Conference hall	48.77
15.	Seminar hall	195.09
16.	Waiting room	33.44
17.	Generator room	18.58
18.	Store room	20.43
19.	Rest room facility for students	97.54
Total		1047.4

KVK, Sikkal

No.	Facility	Area (in Sq. m)
1	Auditorium – Training Hall	118
2	Library	-
3	New Academic building	-
4	Soil and Water Testing Laboratory (SWTL)	81
5	Plant Health Diagnostic Facility Centre (PHDFC)	114
6	Farmers Hostel	300
7	Farm Equipment Shed	37.20

6.6.7.2. IT Infrastructure. A brief report on University ARIS Cell shall be given. Give the information on LAN connectivity, Wi-Fi/internet facilities in campus and hostels; Computer based library management, videoconferencing facilities, smart class rooms and workshops etc.

A. Fisheries College and Research Institute, Tuticorin

- Infrastructure at main campus include 2.14 ha area of fish farms, 2.70 ha area of reservoir, Freshwater prawn hatchery, Tilapia hatchery, Wet laboratory, Ornamental fish rearing facility, Feed preparation unit, Cryopreservation unit, Water quality laboratory, Composting facility, Fishery biology laboratory, Disease diagnostic laboratory including Virology, Biotechnology, Fish quality assurance & Certification laboratory, Marine Engineering Workshop and Museum.
- Main campus also has Administrative cum academic block, Computer laboratory, Placement cell, Library, Central Instrumentation laboratory, Glass-house aquarium, Mother aquarium, Auditorium, Conference hall, Audio visual hall, Examination hall, E-learning laboratory, Library, Boys hostels, Play grounds and Indoor stadium.

Library services and Information Networking

The library of FC&RI, Thoothukudi is housed in a building with an area of 515 sq.m with separate sections for Stack room (Books), Stack room (Back Volumes), Periodical section, Computer room, Conference room, Educational Video Hall and Thesis section. It is well equipped with Books (16396); Back volumes (3791); Reports, Manuals and Other Free Publications (2370); CD ROMs (100); Journals – hard copy (39 Indian and 16 Foreign); Journals – On-line (CeRAAccess); Educational Video Cassettes (66); Magazines (7); Newspapers (7) and Databases (ASFA). The Library is an exclusive referral centre which caters to the needs of students, teachers, researchers and entrepreneurs of Tamil Nadu. Internet connectivity is available in the library.

The library is doing various activities and services like acquisition of publications, classification and cataloguing, updating and maintenance of library catalogue database, proper organization of publications, reprography, online journal access, lending user materials, reference service, on-line journal access, CD-ROM search, e-mail, internet browsing and photocopying with a future plan of Institutional repository.

Computer Lab :

- Used for teaching ICT and Software analyses courses for UG and PG programmes
- Used by students and staff for accessing digital resources of the library and all the online journals

e-Learning and Multimedia Laboratory :

- Students are using for ICT requirements and accessing e-courses. It is providing secured wi-fi connectivity (24x7) to the college and hotels (boys and girls).

Server and internet connectivity:

- All the e-courses (27) developed for the fisheries students are hosted in the server for access by fisheries students all over the country
- Additionally, online admission of TNJFU and Education Management System (EMS) portal are also hosted in the server available with the Unit of Information Technology.

B. Dr MGR Fisheries College and Research Institute, Ponneri

LAN connectivity, Wi-Fi/Internet facilities in the campus and Hostels:

Dr.MGR FCRI, Ponneri has the facility of three BSNL [044-27971555/6/7] Lines for LAN connectivity and it has three Airtel (7 Star) connections with the speed of 100 MBPS for internet connectivity. The institute also has 12 Wi-Fi routers for data transmission within the main campus. However, hostels do not have dedicated internet or wi-fi facilities.

Computer based library management:

Now a day many libraries are using KOHA library management software to manage library by a computerized system. KOHA is very useful library management system in providing various library services to users including circulation of library material, cataloguing, new arrival etc... Primary aim of Koha is to provide an integrated library management tool, covering all major functions in a library. Dr.MGR FCRI, Ponneri library had been automated by KOHA Integrated Library Management System. Library software is an important tool in today's changing environment of libraries.

Video conferencing facilities:

The institute has videoconferencing facilities in its conference room, which is with the seating capacity of 30. The conference room is used for all kind of official meetings/discussions as well as plays a major role in hosting the webinars organized by the institute.



Smart classrooms and workshops etc:

The college is having six SMART classrooms with a seating capacity of 65 students each at a time and monitored by CCTV cameras. Of which, four classrooms for U.G. students, one classroom for P.G. students, one classroom for Ph.D students. Each classroom of 910 sq. feet area is available in the college campus. The college classrooms are well equipped with audio visual aids and regular lectures are delivered through power point presentations. Educational videos, short films, etc., to convey concept with clarity Smart board.



SMART Student Classroom

Dr.MGR FCRI, Ponneri has three net mending stands in fishing gear mending hall at PRFF centre to carry out the works related to fishing gear designing and fabrication and also to conduct the practical classes to the students for the courses offered by Department of Fishing Technology and Fisheries Engineering of the institute.

C. College of Fisheries Engineering, Nagapattinam

IT infrastructure is an essential facility, for the technology advancements and for the teaching and research activities for students & faculties of College of Fisheries Engineering (CoFE). CoFE is equipped with a 1:2 student computer ratio and has fully functional Computer Laboratory with 24 h internet connectivity and Wi-Fi speed of 32 Mbps in College campus. CoFE have well established smart class room with fully Air-conditioned for video conferencing. The boys and girls hostels of CoFE are facilitated with 32 Mbps Wifi connectivity.

Computer Based Library Management System

The TNJFU Library situated in College of Fisheries Engineering Campus is equipped with, University library management system fully automated with KOHA automation software which includes modules for acquisitions, circulation, cataloging, serials management, authorities, flexible reporting, label printing, multi-format notices, offline circulation

The Library is also equipped with RFID based security Management System which includes Interface management software (Rs.68,250), Koha based Data migration Library Management version 19.05 (Rs.1,33,320), RFID Gate Security System with accessories (Rs.4,48,350) that are operated through patron's biometric scanning identification method. The gate entry is done digitally using the gate entry software installed PC inbuilt with Koha system using biometric scanners. The Circulation is done using two RFID Management software installed PCs equipped with RFID Scanners. The students can search the library books availability and their circulation history using the OPAC (Open Public Access Catalogue) option.

Self Service Kiosk

Self service kiosk is used for Issue, Return and renewal of the library books. It can be integrated with smartcard, barcode or biometric. Self service can provide acknowledgement for every transaction in the form of receipt, email and or SMS. It is equipped with biometric scanner, a 18.5' touch screen display with 80mm receipt printer for self check in and checkout.



RFID Smart Billing Station is installed at TNJFU Library to issue or return multiple books at a time and makes the circulation process effective. It reduces work pressure in the circulation counter.



6.6.7.3. Students and Staff Amenities: Give brief report on the sporting and recreational activities, employment and career advice, child care, financial advice and food services, entertainment avenues etc. available in the campus.

A. Fisheries College and Research Institute, Tuticorin

Facilities like child care, financial advice is not provided by the College. The College has a canteen facility with a seating capacity of 10 Nos.

B. Dr. MGR Fisheries College and Research Institute, Ponneri

As of now there is no exclusive sporting and recreational activities for the staff of the institute. However, staff of the institute actively participate in the exclusive events conducted during the sports and recreational activities of the students.

Employment and Career advice for the students:

The Student's Placement and Career guidance cell of Dr. MGR Fisheries College and Research Institute, Ponneri makes arrangement for campus interview for the placement of fisheries graduates. The cell maintains a database of fisheries graduates and postgraduates who have passed out from the Institute and provides the list to various corporate companies and educational institutes under SAUs for recruitment. Further, the cell collects and disseminates information on higher education in India and abroad for the welfare of the student community. Books and manuals were purchased to help ICAR JRF Exam aspirants. Similarly, notes and past question papers were collected from different sources and circulated to the students. The Cell has organized four "ICAR-JRF mock exams" to B.F.Sc. (2015-16 batch) students.

Child care, financial advice and food services, entertainment avenues:

As of now, there is no dedicated Child care, financial advice and food services, entertainment avenues in the institute.

C. College of Fisheries Engineering, Nagapattinam

As so now, there is no dedicated staff amenities such as childcare, financial advice I provide by the institute. The college has store which provides Tea and snacks for both students and staff.

For the benefit so students, books related to competitive exams, personality development and language improvement are being made available in the library.

6.6.8. Financial Resource Management

6.6.8.1. Budget allocation: Give the budget allocation (College wise) for salary, contingency and amount received through the ICAR Development grant during last five years. Give a note on the sufficiency of the fund to meet the academic requirement in last five years.

State Budget: The figures given below are relating to the grant given by the State Government (Govt. of Tamil Nadu) for day-to-day administration of the University and Colleges to meet its requirements of salary, recurring contingencies, non-recurring contingencies and infrastructure needs.

The required fund for the academic requirements and basic research activities are being provided by the Government so far. Complaints have not been received from any quarters about the short / deficit allocation / receipt of fund for their academic needs. The State Government has provided required funds to meet the entire pay commission arrear liable to be payable on account of revised UGC pay scales.

(Rs. in lakhs)

Year	University	FC&RI, Thoothukudi	Dr.MGR FC&RI, Ponneri	College of Fisheries Engineering, Nagapattinam
2016-17	1142.08	1087.00	680.00	718.00
2017-18	1162.31	1097.00	453.00	295.00
2018-19	751.44	1024.00	410.00	349.00
2019-20	880.11	1122.00	534.00	423.00
2020-21	851.40	1078.00	522.00	319.00

ICAR Development Grant:**(Rs. in lakhs)**

Year	University	FC&RI, Thoothukudi	Dr.MGR FC&RI, Ponneri	College of Fisheries Engineering, Nagapattinam*
2016-17	131.93	111.32	0	0
2017-18	205.41	172.65	0	0
2018-19	106.57	163.36	0	0
2019-20	101.42	61.63	0	0
2020-21	23.47	52.26	20.58	0

6.6.8.2. Finance Committee: Provide the schedule of the meetings of the financial committee held in last five years

S.No.	Finance Committee	Date of meeting
1.	1 st Meeting	28.07.2014
2.	2 nd Meeting	14.10.2015
3.	3 rd Meeting	15.06.2016
4.	4 th Meeting	29.12.2016
5.	5 th Meeting	03.04.2017
6.	6 th Meeting	03.11.2017
7.	7 th Meeting	28.02.2018
8.	8 th Meeting	12.09.2018
9.	9 th Meeting	11.12.2018
10.	10 th Meeting	22.07.2019
11.	11 th Meeting	04.02.2021

6.6.8.3. Internal Resources Generation: Give a comprehensive report (College wise) internal resource generation through different sources for last five years. How this money is being utilized for the academic programmes and research work of students? Give a brief note.

FC&RI, Thoothukudi is undertaking research works on behalf of the private firms and earning revenue out of it. Further in all the Colleges, laboratories have been formed to do practical for the students as well as to test samples for the farmers and fishermen. A nominal fee is collected from the farmers and fishermen for testing samples and the earnings are utilised for the development of the research related activities.

By admitting the students from overseas institutional development fee is being received and utilised for the special focussed activities in the respective colleges without anticipating the budget from the State Government.

The allocated vast area of each college is being utilised in a fruitful way to form ponds and thereby to earn revenue. Rest of the area are used for planting crops and also generating revenue as farm receipts.

The open space in the terrace of colleges and the university is being utilised for generating solar power through non conventional source. The power produced by this way is cheaper than the cost at which supplied by the State Power supplying agency. By this way the University has reduced its power cost to a nominal extent and the University is focussing to erect such facilities in the unutilised space in the terrace in all the colleges in future.

Through the extension education programme, various centres have been created in the name of Centres for Sustainable Aquaculture (CeSA) to assist the fisher folk and farmers for their training as well as laboratory testing requirements. In these centres, fingerlings are produced and sold to the fish farmers.

In all the above activities, UG and PG students are directly involved to acquaint and expand their knowledge during their course programme thereby they will come out with the matured knowledge not only about the fish related activities but also with the allied environmental activities.

6.6.8.4. External Funding: How much resources the University has mobilized from the external sources (give the list) based on the competitive mode in last five years:

(Rs. in lakhs)

Funding Agency	2016-17	2017-18	2018-19	2019-20	2020-21
GOI (including shared schemes)	1044.30	1544.72	1049.45	1002.84	744.54
ICAR	298.06	390.37	291.88	184.90	116.21
Other Agencies	47.73	41.06	56.18	200.47	320.96

6.6.8.5. Financial powers delegation to Deans / Heads: Give a report on the financial autonomy to College Deans, University Officers and Head of the Departments.

The concerned Dean / University Officers are having full powers to utilise the fund allocated under their heads of account subject to getting prior approval from the University in respect of the valuable procurements as per the State Government norms and ASRR of the University. The detailed description about the financial powers is given in S.No. 6.6.1.4 and **Annexure 3**.

6.6.8.6. Finance Utilization: Mention in brief about percent finance utilization in last five years.

(Rs. In lakhs)

Year	Receipts from State	GOI and shared schemes	ICAR schemes	Others	Total receipts	Total expenditure	% of achievement
2016-17	7441.90	119.71	298.06	47.73	7907.40	7623.37	96.41
2017-18	7179.51	1544.72	390.37	41.06	9155.66	9108.98	99.49
2018-19	6273.55	1049.45	269.93	56.18	7649.11	6984.63	91.31
2019-20	5102.70	1002.84	184.90	243.77	6534.21	8207.35	125.60
2020-21	5443.59	744.54	116.21	320.96	6625.30	7070.07	106.72

6.6.9. Accomplishments

6.6.9.1. Awards for the University: Provide the details list of Regional, National and International Awards received by the University in last five Years?

The University has received ICAR award for first position (2020-21) under Veterinary & Fisheries Science group during the counselling held for PG admissions.

6.6.9.2. Accreditation Report from ICAR/Other Agencies: Whether the University and its Colleges were accredited by the ICAR and other agencies in the past? What was the recommendation of the accreditation agencies? Whether the University has taken the action taken report and submitted the reply to the accreditation agencies? Provide the detailed action taken report for each observation.

UGC 12B STATUS

The University has been recognised with 12B status since 2018 from the University Grants Commission (UGC). The approval of 12B status is given in the **Annexure 13**.

ICAR ACCREDITATION

Accredited Programmes of the Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam (**Annexure 13**)

1. The Accreditation to the Tamil Nadu Fisheries University, Nagapattinam was approved for a period of five years (2016-17 to 2020-21)
2. The following faculty and its programme were approved for accreditation for a period of five years (2016-17 to 2020-21):

A Fisheries College and Research Institute, Thoothukudi

Bachelor of Fisheries Science (B.F.Sc.)

Master of Fisheries Science (M.F.Sc.)

1. Aquaculture
2. Fisheries Resources Management
3. Aquatic Environment Management
4. Fisheries Extension
5. Fish Processing Technology
6. Fisheries Economics
7. Fisheries Engineering and Technology
8. Fish Biotechnology

Doctor of Philosophy (Ph.D)

1. Aquaculture
2. Fisheries Resource Management
3. Fisheries Economics
4. Fish Processing Technology

General Recommendations and Action Taken Reports

Organizational Structure

1. The organization structure encompassing several Faculties, Schools, Directorates and Centres made the University with too many statutory officers and several overlapping responsibilities leading to confusion and delay in execution of the programmes.

Action: As per reference (This office USO. No.538/TNFU/Estt./R3/2017/Rc.No.2910/TNFU/Estt./R3/2017 dt. 04.08.2017), the School concept in FC&RI, Thoothukudi is temporarily frozen and later abolished as per the 20th meeting of Board of Management conducted on 04.02.2021 Presently only 8 departments are functioning in the college as per the V Deans committee of ICAR.

2. It has been observed that the University Act/Statutes are not in compliance with the Model Act/Norms prescribed by ICAR in the following aspects.
 - The Concept of Schools and appointment of Chairs is not clear and it has resulted in confusion in the administrative procedures.

Action: As mentioned in the response to the query No.1, the Chairs, (School of Aquaculture, Harvest and Post Harvest Technology, Fisheries Resources and Environmental Management and Fisheries Information and Social Sciences), Fisheries College and Research Institute, Thoothukudi are abolished and all departments are functioning only under control of the Dean.

- The nomenclature of Departments is not as per the prescription of Dean's Committee. It may be changed accordingly to have uniformity. The name of

Department of Fisheries Environment needs to be changed to Aquatic Environment. Similarly, the nomenclature of Directorate of Centre for sustainable Aquaculture is not as per the accepted norms.

Action: As per reference 02 (Reference: This Office USO. No. 234/R1/TNJFU/Estt./2018, RC. No. 0916/R1/TNJFU/Estt./2018 dt. 10.03.2018) which was also based on the 14th Board of Management (USO.No.339/S1/TNJFU/XIV/BoM/A.10.1/2018,Rc.No.548/S1/TNJFU/XIVBoM/A.14.1/2018 dt.14.04.2018) the following nomenclature of Departments has been changed as follows.

The nomenclature of Department of Fisheries Environment has been changed to Department of Aquatic Environment Management.

The nomenclature of Centre for Fisheries Management planning and Policy, (CeFiMaPP) has been changed to Directorate of Incubation and Vocational Training in Fisheries (DIVF), Mandapam.

The nomenclature of Centre for Sustainable Aquaculture has been changed to Directorate of sustainable Aquaculture

- Mission was drafted with several actions/activities. It may be changed appropriately to mission statement bringing clarity.

Action: Necessary arrangements are made and Mission statement is made crisp and comprehensive.

- The following bodies/positions are not included in the University Act/Statutes

- * Dean (Academics)

- * Dean (Student Welfare)

Action: As per the reference 02 (This Office USO No. 234/R1/TNJFU/Estt./2018/Rc.No.0196/R1/TNJFU/Estt./R3/2018 dt.10.03.2018) the Faculty Dean, Dr. MGR FCRI, Ponneri has been nominated as the Dean (Academics) and the Dean, FCRI, Thoothukudi has been nominated as the Dean (Students Welfare) to function as per the powers delegated under Chapter III- Section 13 – Clause 2(n) of the Statutes of TNJFU.

- As per present Statutes, the Dean of Faculty is the senior most Dean of the Constituent Colleges. Under such situation, the Dean of Faculty may not be in Head Quarters and it is difficult to coordinate academic programmes. A Dean (Academic) May be appointed and be placed in Head Quarters.

Action: As mentioned, the Dean (Academics) faculty is the senior most Dean, who is able to look after the activities through emails.

- Several issues of students need to be dealt by Dean (Students Welfare). In the absence of this position, there is no clear mechanism to address these issues.

Action: As mentioned above, Dean (Students welfare) is instituted.

- Further, Regulations of the University have not been made in compliance with the Statutes of the Universities.

The necessary arrangements are being made to make amendments in the Regulations of University in compliance with the Statutes (Ref. 04. USO No. 823/R1/TNJFU/Estt./2020,RC.No.4512/R1/TNJFU/Estt./2020 dt.18.11.2020)

- Establishment of Directorate and Fisheries Staff Training Institute in different locations without adequate manpower is not serving the purpose

Action: At present this Fisheries Staff Training Institute has been transferred back to the State Fisheries Department from which the Institute was transferred to this University.

Immediate steps are needed to revisit, review and address all these inconsistencies

Academic Programmes

1. Though the ICAR has extended financial support, the Experiential Learning Module has not been implemented properly. The emphasis should be given for entrepreneurship, profit sharing and hands-on training to the students. The Team strongly recommends to

ICAR ARRCDITAION

ORGANIZATIONAL STRUCTURE

1. The organization structure encompassing several Faculties, Schools, Directorates and Centres made the University with too many statutory officers and several overlapping responsibilities leading to confusion and delay in execution of the programmes. (Action taken has to be given by the University)
As per ref (This Office USO.NO. 538 / TNFU / Estt. / R3 / 2017 / RC.No. 2910 / TNFU / Estt. / R3 / 2017 dt.04.08.2017) the school concept in FCRI, Thoothukudi is temporarily frozen. Presently only 8 departments are functioning in the college as per the V Deans committee of ICAR.
2. It has been observed that the University Act / Statutes are not in compliance with the Model Act / Norms prescribed by ICAR in the following aspects (Action taken has to be given by the University)
 - **The Concept of schools and appointment of Chairs is not clear and it has resulted in confusion in the administrative procedures.**

Action: As per reference (01) (This Office USO.NO. 538 / TNFU / Estt. / R3 / 2017 / RC.No. 2910 / TNFU / Estt. / R3 / 2017 dt.04.08.2017) the Chairs, (School of Aquaculture, Harvest and Post Harvest Technology, Fisheries Resources and Environment Management and Fisheries Information and Social Sciences), Fisheries College and Research Institute, Thoothukudi are abolished and all the departments are functioning only under the control of the Dean.

- **The nomenclature of Departments is not as per the prescription of Dean's Committee. It may be changed accordingly to have uniformity. The name of Department of Fisheries Environment needs to be changed to Aquatic Environment. Similarly, the nomenclature of Directorate of Centre of Fisheries Management, planning and Policy and Directorate of Centre for sustainable Aquaculture is not as per the accepted norms.**

Action: As per reference 03 (Reference: This Office USO.No. 234 / R1 / TNJFU / Estt. / 2018, RC.No.0916 / R1 / TNJFU / Estt. / 2018 dt.10.03.2018) which was also based on the 14th Board of Management (USO.No.339 / S1/TNJFU/XIV BoM/A.10.1/2018, RC.No.548/S1/TNJFU/XIV BoM/A.14.1/2018 dt.14.04.2018) the following nomenclature of Departments has been changed as follows.

The nomenclature of Department of Fisheries Environment has been changed to Department of Aquatic Environment Management.

The nomenclature of Centre for Fisheries Management Planning and Policy, (CeFiMaPP) has been changed to Directorate of Incubation and Vocational Training in Fisheries (DIVF), Mandapam.

The nomenclature of Centre for Sustainable Aquaculture has been changed to Directorate of Sustainable Aquaculture

- **The following bodies / positions are not included in the University Act / Statutes**

***Dean (Academics)**

***Dean (Student Welfare)**

Action: As per the reference 02 (This Office USO.NO. 234 / R1 TNJFU / Estt./2018 / RC.No.0916/R1/TNJFU / Estt. / R3 / 2018 dt.10.03.2018) the Dean (Academics) and the Dean (Students Welfare) are ordered to be instituted as per the powers delegated under Chapter III – Section 13 – Clause 2(n) of the Statutes of TNJFU.

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

(Constituent College with Tamil Nadu Dr. J. Jayalalithaa Fisheries University)

The following colleges and programmes were approved for accreditation for a period of five years with the score mentioned against each:

Sl.No	Name of the College	Score	Eligibility
1.	College of fisheries and Research Institute, Ponneri	2.54	Eligible
1.1	Program : B.F.Sc	2.80	Eligible
1.2	Program: M.F.Sc in Aquaculture	2.85	Eligible

1.Action Taken Report for Re-Assessment of B.F.Sc Programme for ICAR Accreditation

Criteria	Comments received from PRT on 07.06.19 (Ref: 313615/2019/EQ&AR)		Action Taken
Programme accreditation	Faculty strength of the programme (as per ICAR guidelines)	- The college at present is having 21 faculty in addition of the faculty have been transferred to the college recently - There is need to fill-up vacant faculty position as well as additional faculty position need to be created as per ICAR guidelines.	The University has strengthened the faculty strength of the programme by sanctioning 2 Associate Professor post, 8 Assistant Professor Posts, one Assistant Director of Physical Education and one Assistant Librarian. Therefore, the total faculty strength of the programme has been increased to 33 from the previously existed 21.
	Technical and supporting staff (as per ICAR) guidelines	Sufficient technical, supporting and administrative staff is available in the college.	----
	Class rooms and laboratory (as per ICAR guidelines)	Class rooms and necessary laboratory facilities for under Graduate programme are available	----
	Conduct of Practical and Hands – on - Training	There is need to impart Hands – on- training in practical classes to make students employment ready. Necessary ponds, hatchery and other field facilities need to be created in the College premises also.	Necessary steps has been initiated to create lined pond and aquaponics within the main campus of the institute for conduct of practical and Hands – on – Training to students of the institute
	Number of students being supervised by	UG students are being supervised by faculty as per requirements	----

	Faculty in case of Masters / Ph. D Programme		
	Feedback of stakeholders (Students, Parents, industries, employers, farmers, etc)	Limited feedback from students are being collected, however, there is need to address remarks of students for the improvement of teaching/learning. Feedback from other stakeholders need to be collected regularly	Mechanism to collect feedback from the stakeholders other than students has been strengthened through feedback sessions organized during webinars and trainings organized by the institute. In addition to it, exclusive feedback has been collected from the industries through the institute-industry projects operated by the institute
	Students intake and attention in the programme for last five years	College has increased intake from 20 students to 64 students in the year 2018-19. Intake should match with the availability of hostels, class rooms and most importantly faculty in the college.	As mentioned above, the faculty strength for the programme has been strengthened to enable efficient learning environment in the campus. From the academic year 2020-21, the intake of B.F.Sc students has been reduced to 40/year to match with the existing facilities in hostel and classrooms
	ICT application in curricula delivery	ICT application in teaching / learning need to be strengthened.	Since the commencement of lockdown i.e. 24.02.2020, the institute has adopted online teaching mode using various online teaching platforms. As per the Central and State Govt. guidelines, students are engaged in online classes and research guidance through apps like Google Meet, CISCO Webex, etc. Online classes are structured based on the 'contingent plan' adopted by the University in which each semester has 100 days out of

			which 70 days is allotted for online theory classes and remaining 30 days are for conducting virtual practical classes.
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2. Action Taken Report for Re-Assessment of Dr.MGR FCRI, Ponneri for ICAR Accreditation

Criteria	Key aspects		Assessment of the Peer Review Team on 07.06.2019 (Ref: 313615/2019/EQ&AR)	Action Taken
1. College Administration	iii.	Dean's Office Establishment	Sufficient space available Adequate administrative staff Student record maintaining need to be strengthened	Necessary steps have been taken to strengthen student record maintaining
	ix	Monitoring Mechanism (on-line)	Administrative monitoring mechanism is available No monitoring mechanism (On-line) for the student and faculty	Since the commencement of lockdown i.e. 24.02.2020, the institute has adopted online teaching mode using various online teaching platforms. Therefore, the online monitoring has become reality through platforms like 'Google Classroom'
	x	CC/Board of students/ Academic Council	As per the act of the University	-----
	xi	Anti-Ragging Cell	Anti-ragging established. However the regular meeting need to be	Meetings are conducted regularly

			conducted	
	xii	Biological Waste Disposal Facility	Facility Available But it need to be further improved.	The facility has been strengthened according to the need
	iii	Institutional Ethics Committee for Experiment of animals	Committee need to be established Further strengthen and regular meeting may be conducted	Committee has been formed and regular meetings are conducted
	iv	Committee for prevention of Sexual harassment of Women on work places	Committee is existing but no meeting was conducted	The committee's meeting are conducted regularly and is working in concurrence with the University level 'VISAKA' committee
2. Faculty	v	Faculty Strength	Total number of strength sanctioned 21. However as per the ICAR norms need to be strengthened.	The University has strengthened the faculty strength of the programme by sanctioning 2 Associate Professor posts, 8 Assistant Professor Posts, one Assistant Director of Physical Education and one Assistant Librarian. Therefore, the total faculty strength of the programme has been increased to 33 from the previously existed 21.
	vi	Faculty Profile (Department wise)	Faculty Department-wise need to be strengthened as per guidelines of ICAR PhD for the upgradation of faculty may be encouraged from other than parent university	
	vii	Credentials of the faculty	The faculty need to be encouraged for high impact journal publication	

				NAAS rating
	iii	Technical Staff and Other Supporting Staff	Technical staff and other supporting staff are adequate	-----
3. Learning Resources	v	College Library (digital)	Number of books need to be strengthened Seating capacity adequate Wi-Fi available Sufficient staff	64 new international and national books has been added to the library
	vi.	Laboratories, Instructional Farm/ Workshop/Dairy plant/ Veterinary Clinic/ Hatchery and ponds etc.	Laboratories are sufficient for two batch students Facilities for hatchery and ponds are not in campus however it is available 15 km away from the campus Instructional farm to be strengthened	Necessary steps has been initiated to create lined pond and aquaponics within the main campus of the institute for conduct of practical and Hands – on – Training to students of the institute
	vii.	Student Ready/ In-plant training/ Internship/ Skill Development Modules/ Experiential Learning modules etc.	The READY programme facilities is sufficient The Aquaculture skill development facilities are adequate	-----
	viii.	Curricula Delivery Through IT (like smart Classrooms/ Interactive Boards etc.	Classroom for UG is sufficient All classrooms are having smart classroom Computer lab is also available	-----
4. Student	x.	Student Intake and Attribution	Student intake increased from 20 to 40 in 2015-16	-----

Development		for Last Five years	and 60 in 2016-17 All the seats are filled in last 5 years Attrition % is very less	
	xi.	Average Number of Students in Theory and Practical Classes	The theory classes are conducted in a single batch while practical class is conducted in two batches Practical glassware needs to be strengthened	Practical glass wares of the departmental labs are strengthened using college fund
	xii.	Admission Process	On the basis of total mark of 12 th for UG and competitive and academic marks are considered for PG students. However, the admission of undergraduate also need to be initiated for competitive basis	-----
	iii.	Conduct of Practical & Hands – on - Training	Facilities for conducting the practical and hands-on training is adequate. However, ICAR guidelines should be followed	Necessary steps have been taken to follow ICAR guidelines
	iv	Examination and Evaluation	Theory examination is external for both UG and PG while practical examination is conducted by the course teachers	-----
	xv.	NSS/NCC/RVC units	NSS activities carried out by NSS officer NSS camp conducted after sixth semester NSS fund is not obtained, hence it need to strengthen	Renewal of the NSS unit has been obtained and fund request has been made to State NSS cell of Govt. of Tamil Nadu
	vi.	Language Laboratory	Language laboratory is not available It need to be established	Proposal for establishment of language laboratory has been prepared

				and is in the process of submission
	vii	Cultural Center	Culture centre is not separate, but multipurpose hall is used Student association is actively involved	-----
	iii.	Personality Development	Guest faculty may be arranged on the basis of students' need	Special lectures by important dignitaries from different sectors to boost the personality development have frequently been conducted by Officer-in-Charge of Special lectures
5. Physical Fitness	vi.	Hostel (both and girls)and its amenities	Good hostel facility for 110 boys and 84 girls The hostel amenities need to be strengthened	Furnitures worth of Rs. 5 lakh has been purchased for the hostel and a dedicated Generator-65KW has been installed exclusively for the hostel
	vii.	Examinations Halls	The examination hall is adequate	-----
	iii.	Sports and Recreation Facilities	Sport ground is adequate Yoga and meditation facilities is excellent Physical instructions need to be created	Physical instructions has been ensured by the University by sanctioning one Assistant Director of Physical Education exclusively for the institute
	ix.	Auditorium	No, it need to be established	Necessary steps have been taken for establishment of Auditorium

	x.	Exhibition Hall/ Museum	Museum for the fishes and molluscan are adequate	-----
6. Research Facilities	iii.	PG Laboratories and Equipments	Separate PG laboratories are available, but it need to be further strengthened	New lab facilities such as Microbiology lab in Dept. of Fish Processing Technology, wet labs in Dept. of Aquaculture and Dept. of Aquatic Animal Health Management have been created. Further, the existing PG labs have been upgraded with new glass wares and equipment
	iv.	Research Contingency	No research contingency but it need to provide from the University fund or funded schemes	PG and PhD student research are assisted with departmental recurring budget and schemes operated by the respective departments. Further, Faculty who does not possess Ph.D. are eligible to avail funding from the University through their University Research Projects.
7. Outcome/ Output	v.	Student Performance in National Examinations (such as JRF/SRF/ARS)	One student JRF and encourage the students to take examination	The students are encouraged to take ICAR JRF/SRF/ARS examination through student through Student Placement and Career Guidance Cell of the institute. Therefore, Fifteen

				students of the institute got admission in national fisheries institutes by securing top ranks in the national level ICAR-PG-entrance examination.
	vi.	Students' Placement Profile	Campus interview may be arranged	Student Placement and Career Guidance Cell of the institute has taken necessary steps in concurrence with Govt. organizations such as Coastal Aquaculture Authority as well as private organizations like CP Aquaculture Pvt. Ltd
	vii.	Awards/ Recognition / Certificates	Faculty need to encouraged to apply for awards based on their works	Faculty are exposed to various awards regularly through mail and are constantly encouraged to apply for awards based on their works. Subsequently, two faculty of the institute have won awards in National Conference conducted by Agricultural Tamil Scientific Society, New Delhi
	iii.	Employability	16% of students are employed in various organisations	7 out of 40 students are employed in the second batch of B.F.Sc students of the institute. Thus,

				raising the employability to 17.5%
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3.Action Taken Report for Re-Assessment of M. F. Sc (Aquaculture) Programme's for ICAR Accreditation

Criteria	Comments received from PRT on		Action Taken
Programme accreditation	Faculty strength of the programme (as per ICAR guidelines)	At present, Assistant Professor on contractual basis functions as Professor. There are 3 regular faculties and 2 on contractual basis. It is necessary to fill up the posts as per ICAR Guidelines.	The University has strengthened the department by sanctioning one Associate Professor post and 3 Assistant Professor Posts. Therefore, the total faculty strength of the department has been increased to 9 from the previously existed 5. Among the 9 posts (Professor -1; Associate Professor – 2; Assistant Professor -6) only 3 remains vacant in the cadre of Assistant Professor which will be filled in the subsequent recruitment process of the University
	Technical and supporting staff (as per ICAR) guidelines	The posts of Lab technician and lab assistant are vacant which need to be filled as per ICAR Guidelines.	Both the post available in the cadre of 'Lab Assistant' is filled whereas only one post is filled in the cadre of 'Lab Technician'. Necessary steps have been initiated to fill up the remaining one vacancy in the cadre of 'Lab Technician'
	Class rooms and laboratory (as per ICAR guidelines)	The College has 6 smart class rooms with seating capacity of 65 students at a time and monitored by CCTV Camera which appears to be sufficient.	-----

	Conduct of Practical and Hands – on – Training	• Conduct of practical's and Hands – on – Training is conducted at center away from College, but there is need to create basic field facilities in the College itself.	Necessary steps has been initiated to create lined pond and aquaponics within the main campus of the institute for conduct of practical and Hands – on – Training to students of the institute
	Number of students being supervised by Faculty in case of Masters / Ph. D Programme	• Considering the number of faculty and UG, PG and Ph.D programs running in the College, there is need for increase the number of faculty.	As mentioned above, the faculty strength of the department has been strengthened to enable efficient supervision of the Masters / Ph. D students of the department
	Feedback of stakeholders (Students, Parents, industries, employers, farmers, etc)	• Feedback from students is gathered for which mechanism exists. However, mechanism needs to be adopted for collecting feedback from the other stakeholders.	Mechanism to collect feedback from the stakeholders other than students has been strengthened through feedback sessions organized during webinars and trainings organized by the department. In addition to it, exclusive feedback has been collected from the industries through the institute-industry projects operated by the department
	Students intake and attention in the programme for last five years	• Student intake capacity is 5 for both M.F.Sc., and Ph.D., there is no attrition for M.F.Sc while 2% and 1% for Ph.D during 2017-18 and 2018-19.	• In recent years, there is no attrition in the M.F.Sc and Ph.D programmes offered by the department
	ICT application in curricula delivery	• ICT is available for curricula delivery.	-----

AICTE affiliation for B.Tech.(Fisheries Engineering) programme of College of Fisheries Engineering

B.Tech. Fisheries Engineering programme offered by College of Fisheries Engineering is affiliated to AICTE since 2019. The letter of Approval (LoA) and extension of approval (EoA) furnished as **Annexure 13** and the Action taken report is furnished below

Action taken / compliance report of College of Fisheries Engineering

S. No	Particulars	No. Required	No. Actual Available	Building Name	Compliance Remarks
1	Multimedia PC	10	10	Library Block	A well advanced library block constructed at the cost of 5.35 Crore with the floor space of 2015 Sq.m is available.

S. No	Particulars needs as per EVC Report	Required Number	Area Required (Sqm)	Area available (Sqm)	Building Name	Compliance Remarks
1	Cafeteria	1	150	160	New CoFE building	Cafeteria facility is available
2	Computer Centre	1	150	160	Library Block	A well advanced library block constructed at the cost of 5.35 Crore with the floor space of 2015 Sq.m is available.
3	Library and Reading Room	1	400	450	Library Block	
4	Language Laboratory	1	66	66	Library Block	
5	Laboratory	10	66×10=660	660	New and existing CoFE building, workshops and Administrative Water Quality lab	10 laboratories are available

6	Drawing Hall	1	132	150	New CoFE building	Drawing hall is available
7	Class room	4	60×4=240	240	New CoFE building	Class room is available
8	Tutorial room	1	60	60	CoFE building	Tutorial room is available
9	Occupancy/ Completion Certificate	-	-	-	-	Applied for DTCP approval.

6.6.9.3. Inter Institutional Standings: Status of the University in the ranking announced by agencies for academics, research, extension, sports/games, cultural events etc. The following are the status of the University in the ranking announced by different agencies.

Year	Rank	Ranking Agency
2021-22	61	Education World (Annexure 14)
2020-21	55	Education World (Annexure 14)
2019	151-200	NIRF, Government of India (Annexure 8)
2019	54	ICAR, New Delhi (Annexure 8)
2018	30	ICAR, New Delhi (Annexure 8)
2017	50	ICAR, New Delhi (Annexure 8)

6.6.9.4. Socio-economic Impact: Elaborate data based impact of various activities/recommendation on upliftment of the economics and social status of the farmers. To be received from other colleges.

A. Fishereis College and Research Institute, Tuticorin

Name of the Scheme / programme	Year (2016-2021)	No of farmers benefited	Services operated / Upliftment of the economics and social status of the farmers
Workshop on "Sprouting of Entrepreneurship skills in Marine Products"	25.09.2019	55	Fish / shrimp farmers / fisherfolk / public
Awareness Training Programme on "Entrepreneurship in Marine Products"	22.10.2019	60	Fish / shrimp farmers / fisherfolk / public
Awareness training	07.01.2020	30	Fish / shrimp

programme on "Development of entrepreneurship skills in marine products"			farmers / fisherfolk / public
A webinar series for promoting innovation & start-up culture in marine products business sector and presented the advantages of EDII-MPBIF (Series 01)	28.08.2020	15	Fish / shrimp farmers / fisherfolk / public
Webinar Ocean Bounty Season 2020, (Series 02)	11.09.2020	15	Fish / shrimp farmers / fisherfolk / public
Webinar Ocean Bounty Season 2020, (Series 03)	26.09.2020	25	Fish / shrimp farmers / fisherfolk / public
Webinar Ocean Bounty Season 2020, (Series 04)	23.10.2020	25	Fish / shrimp farmers / fisherfolk / public
A webinar series for promoting innovation and start- up culture in marine products business sector (Series- 05)	04.11.2020	33	Fish / shrimp farmers / fisherfolk / public
A webinar series for promoting innovation and start- up culture in marine products business sector (Series- 06)	19.11.2020	25	Fish / shrimp farmers / fisherfolk / public
A webinar series for promoting innovation and start- up culture in marine products business sector (Series- 07)	27.11.2020	25	Fish / shrimp farmers / fisherfolk / public
Fish Based Bakery Product	28.11.2020	25	Fish / shrimp farmers / fisherfolk / public
A webinar Online	04.12.2020	60	Fish / shrimp

Demo on HPLC for Marine Products analysis			farmers / fisherfolk / public
Popularisation of EDII – MPBIF to the Allied Departments	29.01.2021	100	Fish / shrimp farmers / fisherfolk / public
Training program on MATSYA MITRA “Value added fish and fishery products”	16.03.2021 17.03.2021	20	Fish / shrimp farmers / fisherfolk / public
Webinar of Promoting Innovation & Start-Up Culture in Marine Products Business Sector (Series 1)	05.06.2021	125	Fish / shrimp farmers / fisherfolk / public
Webinar of Promoting Innovation & Start-Up Culture in Marine Products Business Sector (Series 2)	10.06.2021	109	Fish / shrimp farmers / fisherfolk / public
Webinar of Promoting Innovation & Start-Up Culture in Marine Products Business Sector (Series 3)	17.06.2021	56	Fish / shrimp farmers / fisherfolk / public
Webinar of Promoting Innovation & Start-Up Culture in Marine Products Business Sector (Series 4)	23.06.2021	70	Fish / shrimp farmers / fisherfolk / public
Webinar of Promoting Innovation & Start-Up Culture in Marine Products Business Sector (Series 5)	02.07.2021	105	Fish / shrimp farmers / fisherfolk / public
Demonstration of Fish based battered and breaded products	14.07.2021 15.07.2021 16.07.2021	20	Fish / shrimp farmers / fisherfolk / public
Demonstration of seaweed based cookies	27.07.2021 28.07.2021 29.07.2021	20	Fish / shrimp farmers / fisherfolk / public
Skill Development Training Programme on “Entrepreneurship in Marine Products”	10.08.2021 11.08.2021 12.08.2021	25	Fish / shrimp farmers / fisherfolk / public

Training programme on "Fish smoking technique and masmin production"	17.09.2021	51	Fish / shrimp farmers / fisherfolk / public
Training programme on "Sprouting Entrepreneurship in Marine Products"	21.09.2021 22.09.2021 23.09.2021	33	Fish / shrimp farmers / fisherfolk / public

B. Dr MGR Fisheries College and Research Institute, Ponneri

Sl. No	Name of scheme operated	Year (2016-2021)	No of farmers benefited	Services operated / Upliftment of the economics and social status of the farmers
1	Establishment of Aquatic Rainbow Technology Park (ARTP) at Madhavaram	2015-2020	530	- Improvement of livelihood of ornamental fish farmers through ornamental fish farming - Socio-economic status of farmers were enhanced by practicing ornamental fish farming
2	Farmed pearl spot (<i>Etroplus suratensis</i>) production as an alternative livelihood to promote brackishwater aquaculture entrepreneurship for fishers of Pulicat lake	2016-2018	250	- Farmers were trained in pearl spot seed production, cage farming 10,000 Nos. of pearl spot fingerlings were reared in Pulicat lake which overall impacted the fishery of the region - Alternative livelihood option for fisherfolk of Pulicat lake was provided through the scheme
3	Establishment of National Aquatic Rainbow Mall at Madhavaram	2017-2020	42	- Shops were allotted to beneficiaries to improve their socio economic status - Improve the sale of ornamental fishes and fish tank accessories and marketing
4	Establishment of Recirculatory Seabass Aquaculture Technology Park for doubling the income with low water budgeting	2018-2021	100	- The Recirculatory Aquaculture of Seabass was standardized 100 Nos. of farmers were trained and their social and economical status was improved by farming of seabass - Two units of seabass were given

				as lease to farmers for operation for the start up aquaculture industries
5	"Kayalagam" – The Future Store for amplification of marketing of diversified fish products in Tamil Nadu	2018-2021	1188	• Mr. Zafer Ahmed, No. 3A, Thanikachalam Nagar, C-Block, Ponniaman Medu, Chennai-600110 has been guided for utilizing processing machineries and packaging machine. • Mrs. Manimegalai, Ambattur to initiate their start-ups towards value added fishery products • Mrs.Vaijayanthimala, Mr. Dayalan, Mr. Joel Vasanthakumar, Mr. David Rajasekaran and Mr. Dinesh have been involved in the production of fish based foods, dried salt cured fish and retort packed crab meat • Mr. J. Anandhan and Mr.Amuthan, Madurai to initiate their startups towards value added fishery products utilizing incubation center and Kayalagam retail outlet facilities • Mr. Pradeep propriotor of M/s. Aara Seafood ,Thoothukudi • Mr. Peniban Vergil and Mr. Saravana Kumar Thoothukudi, Mr. Sekar V. Rayer partner of M/s. Lisba Foods Thoothukudi, Priest P. Susilan fisherwomen self-help group Thoothukudi and Mr. S. Parisuthan Proprietor of M/s. Sahayee Sea Foods to initiate their start-ups towards value added fishery products utilizing incubation center facilities, FC&RI, Thoothukudi
6	NFDB Sponsored	2018	50	• Training and demonstration was

	training programme on Mud Crab Fattening			provided for mud crab fattening The social and economical status of farmer were enhanced by practicing the mud crab fattening
7	NFDB Sponsored training programme on Shrimp Farming	2018	50	- Training and demonstration was provided for Shrimp Farming - The social and economical status of farmer were enhanced by practicing the Shrimp Farming
8	NFDB Sponsored training programme on Pearl spot breeding and seed production	2018	100	- Training and demonstration was provided for Pearl spot breeding and seed production - The social and economical status of farmer were enhanced by practicing the Pearl spot breeding and seed production
9	NFDB Sponsored training programme on Ornamental Fish Farming technologies	2018	100	- Training and demonstration was provided for Ornamental Fish Farming technologies - The social and economical status of farmer were enhanced by practicing the Ornamental Fish Farming technologies
10	NFDB Sponsored training programme on Construction of Azolla production unit and its use as a feed supplement for GIFT Tilapia	2019	50	- Training and demonstration was provided for Ornamental Fish Farming technologies - The social and economical status of farmer were enhanced by practicing the Ornamental Fish Farming technologies
11	ICAR Sponsored training programme on Crab Culture and Cage Culture of Fish	2020	50	- Training and demonstration was provided for Crab Culture and Cage Culture of Fish - The social and economic status of farmer were enhanced by practicing the Crab Culture and Cage Culture of Fish

C. College of Fisheries Engineering, Nagapattinam

Name of scheme operated	Year	No of farmers benefited	Services operated / Upliftment of the economics
Establishment of fisheries techno park cum fish processing technology business incubation centre	2017	459	• Trainings provided • Offered incubation facility
Establishment Of Fish And Shell Fish Health Certification And Disease Surveillance Laboratories In Tamil Nadu For Enhancement Of Aquaculture Production – Nagapattinam Component	2016 - 2018	164 Nos	Water, shrimp-, fish and feed samples were analysed under the scheme for the prevention of disease
E-fish health surveillance and 2 monitoring network to improve fisheries production in Tamil Nadu Total Budget: Rs. 59.40 Lakh	2017-2020	About 928 water samples, 508 soil samples, 292 shrimp samples, 49 fish samples were collected and received from the farms and natural water bodies in the districts of Nagapattinam, Thiruvarur, Thanjavur, and Pudukottai of Tamil Nadu 292 shrimp samples collected from more than 150 farms screened for OIE listed pathogens in five maritime districts of Tamil Nadu viz., Nagapattinam, Thiruvarur, Thanjavur, Pudukottai and Ramanathapuram	The results were disseminated to the farmers through seven number of awareness meets conducted in various parts of Nagapattinam, Thiruvarur and Thanjavur districts wherein around 200 number of farmers were participated

6.6.9.5. International Collaboration: Mention the list of collaboration taken place during last five years with international agencies/universities/institutes for academic, research and others.

For the past 5 years, 14 Memorandum of Understandings (MoUs) were made with various international stakeholders viz., academic institutes, industries.

List of International MoUs-Year wise

Sl.No.	MoUs signed with Universities/ Institutes & Industries	Date
2015-2016		
1.	University of Las Palmas de Gran Canaria, Spain	04.06.2015
2.	James Cook University, Australia	26.10.2015
3.	Curtin University of Technology, Australia	15.02.2016
2016-2017		
4.	M/s. Adisseo, France	14.06.2016
2017-2018		
5.	The University of Arizona, USA	21.08.2017
6.	M/s. Liptosa, Spain	28.08.2017
7.	Agriculture and Forestry University, Nepal	08.01.2018
8.	M/s. Seribu Biosystems, Malaysia	14.03.2018
2018-2019		
9.	Hawassa University (HU), Ethiopia	02.06.2018
10.	Shanghai Ocean University (SHOU), China	09.08.2018
11.	Asian Institute of Technology (AIT), Thailand	04.09.2018
12.	Prince of Songkla University (PSU), Thailand	27.11.2018
2019-2020		
13.	M/s. BASF New Business GmbH, Germany	24.07.2019
14.	M/s. Ew Nutrition, Germany	30.12.2019

6.6.9.6. Fund Raising through CSR: How much fund the university has collected from corporate sector for on- farm research and extension and other related activities in last five years?

The following are the list of projects received from corporates in the last five years

Sl. No.	Title of the Projects	Funding Agency	Budget (Rs.in Lakh)	Name of the PIs
2016-2017				
1	Studies on enrichment of shrimp larvae of <i>Penaeus vannamei</i> with various fatty acids and to study the safety of products	M/s. Virbac Animal Nutrition India Pvt.Ltd. Mumbai	2.51	Dr.Cheryl Antony
2	Influence of carbohydrate enriched distillery effluent (MF-SEED) as carbon source in Aerobic Microbial Flocculant Technology	M/s.Rajshree Biosolutions, Chennai	7.75	Dr.S.Felix
3	Effect of supplementation of KemZYMETM Aqua on performance of <i>Labeo rohita</i> in HDPE lined ponds	M/s. Kemin Industries South Asia Pvt. Ltd., Chennai	2.88	Dr.S.Felix
2017-2018				
4	Testing of a floating solar platform deployed off the coast of Tharuvaikulam to generate solar energy and freshwater for the benefit of the coastal communities	M/s. Sea6 Energy Bangalore Karnataka	5. 336	Dr.S.Athithan
2018-2019				
5	A lab scale pilot study to evaluate the suitability of green Nanoparticles of M/s.Dhanvatri Nano Ayushadi Pvt. Ltd. to reduce the Ammonia and Vibrio loads in shrimp culture	M/s. Dhanvatri Nano Ayushadi Pvt. Ltd.	1.06	Dr. A. Uma
6	Effect of seaweed based product as feed additive on growth performance and feed utilization in pacific white shrimp <i>Penaeus vannamei</i>	M/s. Sea6 Energy, Bangalore	5.16	Th.K.S.Vijay Amirtharaj

7	Appraisal of marine fish landings of Tamil Nadu	M/s. The Water base Ltd., Chennai	8.33	Dr.P. Jawahar
2019-2020				
8	Evaluation of the effects of phytase supplementation on growth and feed utilization in Nile Tilapia	M/s.BASF Pvt. Ltd., Germany	5.49	Dr. B.Ahilan
9	Growth plus and Lipto fry as functional feed supplement for the improved growth performance of <i>Penaeus vannamei</i>	M/s.Liptosa Pvt. Ltd., Spain	6.43	Dr. B.Ahilan
10	Herbal feed additive as choline replacer and its effect on the growth of Pacific white shrimp, <i>Penaeus vannamei</i>	M/s.Natural Remedies, Bangalore	5.42	Dr. N. Felix
11	Evaluating the efficacy of prototypes of M/s. Kemin against <i>Enterocytozoon hepatopenaei</i> (EHP) infection in white leg shrimp <i>Litopenaeus vannamei</i>	M/s. Kemin Industries South Asia Pvt. Ltd., Chennai	4.795	Dr. A. Uma
2020-2021				
12	Effect of supplementing prototypes (immunomodulators) on the growth performance and immune responses of <i>Litopenaeus vannamei</i>	M/s. Kemin Aqua Science Pvt.Ltd., Chennai	3.03	Dr.B.Ahilan
13	Effect of a Lysophospholipid- based nutrient absorption enhancer in improving the performance of <i>Penaeus vannamei</i>	M/s.Kemin AquaScience Pvt.Ltd., Chennai	4.74	Dr.B.Ahilan
14	Evaluation of the efficacy of Prototypes of M/s Kemin on the Survival and Immunological response in White leg shrimp <i>Penaeus vannamei</i> Experimentally Infected with White spot syndrome virus (WSSV)	M/s.Kemin AquaScience Pvt.Ltd., Chennai	8.92	Dr.A.Uma
15	"Evaluation of prototypes of M/s Kemin for their activity against infection caused by <i>Enterocytozoon hepatopenaei</i> (EHP) and <i>Vibrio sp.</i> in	M/s.Kemin AquaScience Pvt.Ltd., Chennai	11.31	Dr.A.Uma

	white leg shrimp <i>Penaeus vannamei</i> "			
16	Effects of String protein on feed intake, growth and physiological responses of Pacific white shrimp, <i>Penaeus vannamei</i>	M/s.String Bio Pvt. Ltd., Bengaluru	7.56	Dr.N.Felix
2021-2022				
17	Standardization of pond based culture technique for commercially important marine finfishes and pond based RAS for <i>Penaeus vannamei</i>	Kings Infra Ventures Limited Farm Facility, Chippikulam, Thoothukudi	3.10	Mr.K.S.Vijay Amirtharaj

6.6.9.7. Alumni Support: Does the University have the active alumni association. How much fund the Association has raised for the development of the University? What the other areas where the Association is supporting to the University?

The University has active Alumni Association. The TNJFU Alumni association was started during the year 2019 and it was registered under the Tamil Nadu Societies Registration Act. 1975. The TNJFU Alumni association since from the inception has raised a sum of Rs.9,85,757/- as on 09.08.2021. TNJFU Alumni association actively involved in conducting the farmer's awareness programmes by providing technical inputs from the Alumni in the field and as well as various other positions all over the world. The Alumni association also involved in guiding the students by providing guest lectures to the students through the Alumni members.

Enclosed **Annexure 15** for Registration of TNJFU Alumni Association and fee collection from the students pursuing Undergraduate programme in various constituent colleges.