PG ADMISSION PROSPECTUS

2021-22









Tamil Nadu Dr.J.Jayalalithaa Fisheries University

Nagapattinam

TAMIL NADU Dr. J. JAYALALITHAA FISHERIES UNIVERSITY

Vettar River View Campus
Nagapattinam – 611 002
Tamil Nadu, India

POSTGRADUATE ADMISSION – 2021-22

PROSPECTUS

APPLY ONLY ONLINE AT

www.tnjfu.ac.in

From 28.10.2021 to 28.11.2021 (until 5.00 PM)

(PRINTED APPLICATION NOT AVAILABLE)

CONTACT

THE CHAIRMAN
PG admission Committee
Tamil Nadu Dr. J. Jayalalithaa Fisheries University
Nagapattinam

Phone	:	04365-256430
Mobile	:	09442601908
E-mail	:	pgadmission@tnjfu.ac.in

TAMIL NADU Dr. J. JAYALALITHAA FISHERIES UNIVERSITY

COURSES OFFERED :

1. M.F.Sc. in 13 disciplines
2. M.Tech. in 2 disciplines
3. Ph.D. in 13 disciplines

CAMPUSES :

1. Fisheries College and Research Institute, Thoothukudi
2. Dr. MGR Fisheries College and Research Institute, Ponneri (Near Chennai), Thiruvallur District.
3. Institute of Fisheries Postgraduate Studies, OMR Campus, Vaniyanchavadi, Chennai
4. College of Fisheries Engineering, Nagapattinam

IMPORTANT DATES (Tentative)

1.	Application Opening date	:	28.10.2021
2.	Last date for submission of application	:	28.11.2021
3.	Downloading of Hall Ticket for Entrance Examination	:	30.11.2021
4.	Entrance examination for M.F.Sc., M.Tech. and Ph.D., courses	:	09.12.2021 (FN)
5.	Release of Merit List	:	09.12.2021 (AN)
6.	Date of Counselling	:	10.12.2021
7.	Registration and commencement of regular classes	:	13.12.2021 (Tentatively)

Venue for Entrance Examination and Counselling

Dr. MGR Fisheries College and Research Institute,
Ponneri (Near Chennai) – 601 204.
Contact No. : 044-27971557 / 9442601908

INSTRUCTIONS TO THE CANDIDATES TO FILL IN THE ONLINE APPLICATION FORM

- Click on "**PG Admission 2021-22"** link given in the website www.tnjfu.ac.in and download the Prospectus.

- Candidates should read the PG Admission Prospectus carefully before filling up and submitting the applications online.

- Candidates need to submit filled-in applications only through online before **28.11.2021.**

- Downloaded filled-in application should not be sent by post

- **Application and application fee should be submitted through online (Rs.500/- for SC/ST and Rs.1000/- for others).**

- Candidates possessing the qualifications as prescribed in the prospectus alone will be considered.

- No addition, deletion or alteration of any particulars relating to the application is permitted after the submission of online application.

- The candidate has to upload a recent passport size photo (not exceeding **150 kb in PNG**) and Signature (not exceeding **100 kb in PNG**) in the space provided in the application.

- The following certificates/documents must be uploaded at the time of filling the online application **(as single PDF file with a maximum size of 5 MB).**

    1. Nativity Certificate in the prescribed format (if applicable).
    2. S.S.L.C. / H.S.C. mark sheet or First page of Service Register in proof of date of birth.
    3. Transfer Certificate / Migration Certificate
    4. Community Certificate
    5. Provisional / Degree Certificate of Bachelor's / Master's Degree. (as applicable)
    6. Statement of Marks / Report cards / Transcript card
    7. Conduct Certificate from the Head of the Institution last studied.
    8. Service Certificate showing the details of service / experience.
    9. Proof for Research articles published (first page of the article) and academic medals / awards
    10. Any other relevant certificates

Note: Failure to submit any of the above documents from Sl.no. 1 to 7 will make the candidate ineligible for admission.

- Those who are claiming communal reservation should furnish the certificate obtained from the competent authority. However, the employees of Tamil Nadu Dr. J. Jayalalithaa Fisheries University and Government of Tamil Nadu should enclose an attested copy of the **first page of their Service Register** in proof of community claim.

- Employees of the Tamil Nadu Dr. J. Jayalalithaa Fisheries University/State or Central Government or other organizations **must produce a certificate from the concerned authorities permitting him/her to do M.F.Sc./ Ph.D., degree course in Tamil Nadu Dr. J. Jayalalithaa Fisheries University under part / full time basis at the time of counselling**. The candidate will not be eligible, if he/she fails to produce the certificates.

- Selected candidates should join the course on or before the specified date, failing which admission will automatically stand cancelled and resultant vacancies will be filled up with the other eligible wait-listed candidates.

- All enquiries about the admission process only be made through email to **pgadmission@tnjfu.ac.in.** No correspondence will be entertained in any other form.

- For all correspondence, the Login ID / Application Number, and Name of the candidate need to be mentioned.

- **Online Application Filling methods**

Step -1

- Click on "**PG Admission 2021-22"** link given in the website www.tnjfu.ac.in and download the Prospectus and read carefully.

Step –2

- Click on "**M.F.Sc./M.Tech./Ph.D. Admission**" link and read the instructions carefully.

Step -3

- Click on "**Online Application – Indian**" button. Application appears along with Login ID.

Step -4

- Fill in the Application. Click on "**Save**" button if you need to make any changes later using your Login ID. You will receive your **Login ID** through SMS and e-mail also.

Step -5

- Upload all relevant certificates (compress all relevant certificates in one PDF file - maximum size 5 MB)

Step -6

- Click on "**Submit**" button if all the particulars are furnished correctly. On clicking "**Submit**" button, payment option appears. Make Payment.

Step -7

- On successful payment**,** you will receive **SMS** as well as **e-mail** confirming successful submission of application alongwith your **Login ID** and **Application Number.**

TAMIL NADU Dr. J. JAYALALITHAA FISHERIES UNIVERSITY

PROSPECTUS FOR POSTGRADUATE DEGREE COURSES

I. PROFILE OF THE UNIVERSITY

Tamil Nadu Dr. J. Jayalalithaa Fisheries University (TNJFU) is a State funded University which offers professional fisheries education, research and extension programmes to enhance fish production and utilization by following the State Agricultural University (SAU) pattern and syllabi.



VISION

"Harnessing the Science of Fisheries for Food, Nutrition and Livelihood"

MISSION

Excelling in teaching, research and extension initiatives in fisheries sciences to produce professionally acclaimed and socially responsible graduates achieving nutritional security and sustainable development of the fisheries sector.

TNJFU is established with the following objectives

- To impart quality education in different branches of Fisheries Sciences as the University may determine
- To conduct organised research in the frontier area to develop cutting-edge technologies in Fisheries Sciences.
- To provide extension services like training, consultancy, project formulation to fish farmers, fisherfolk, unemployed youth and entrepreneurs in Fisheries Sciences.
- To facilitate comprehensive development of Fisheries Sciences for increased contribution to the state's economy and set benchmark standards through appropriate interventions in fisheries teaching, research and extensions.

EDUCATION

Tamil Nadu Dr. J. Jayalalithaa Fisheries University offers the following professional and paraprofessional degree programmes.

- **UG Programmes**

Professional

- B.F.Sc. (Bachelor of Fisheries Science)
- B.Tech. (Fisheries Engineering)
- B.Tech. (Energy & Environmental Engineering) *
- B.Tech. (Biotechnology)*
- B.Tech. (Food Technology) *
- B.B.A. (Fisheries Enterprises Management) *

*** Self Supporting Courses.**

Paraprofessional

- B.Voc. (Industrial Fish Processing Technology) **
- B.Voc. (Industrial Aquaculture) **
- B.Voc. (Industrial Fishing Technology) **
- B.Voc. (Aquatic Animal Health Management) **

**** UGC Sponsored/approved Courses**

- **PG Programmes**
  - Master of Fisheries Science (M.F.Sc.) in 13 disciplines
  - Master of Technology (M.Tech.) in two disciplines
  - M.B.A. (Fisheries Enterprises Management)
  - Ph.D. in Fisheries Science in 13 disciplines.
  - Ph.D. in Life Science

The University is providing financial support to the students in the form of scholarships and fellowships for undergraduate and postgraduate degree programmes. Students' amenities such as gymnasiums, indoor and outdoor game facilities, hostels and many other student-friendly facilities such as computer, internet and e-learning facilities and student placement cells are available in university colleges to promote students' interests in acquiring knowledge on various aspects of fisheries science as well as in finding a right placement for them.

CONSTITUENT COLLEGES/INSTITUTES OFFERING UG & PG DEGREE PROGRAMMES

FISHERIES COLLEGE AND RESEARCH INSTITUTE, THOOTHUKUDI



The Fisheries College was started at Thoothukudi by Tamil Nadu Agricultural University (TNAU) in October, 1977 as the second fisheries college in India. It was brought under Tamil Nadu Veterinary and Animal Sciences University (TANUVAS) on 19th September, 1989. The college was renamed as Fisheries College and Research Institute (FC&RI) in 1990 to focus more on research and extension activities. The FC&RI has three campuses: the Main Campus, the staff quarters complex and Mariculture Research Farm Facility located at Tharuvaikulam, a coastal village 17 km away from the main campus, for undertaking Mariculture / Coastal Aquaculture activities. The FC&RI is adequately staffed with a sanctioned strength of 42 teaching positions and 105 non-teaching positions. The FC&RI, Thoothukudi has been accredited by the Indian Council of Agricultural Research (ICAR), Govt. of India, New Delhi for a period of 5 years from 2016-17 to 2020-21. This institute offers professional degree programmes such as B.F.Sc., M.F.Sc. and Ph.D. The FC&RI has eight departments and a well-established Digitized Library and offers M.F.Sc. and Ph.D., degree programmes in nine disciplines. The campus provides separate hostel facilities for boys and girls with fully secured Wi-Fi connectivity.

OBJECTIVES OF THE INSTITUTE

- To develop technical and professional manpower for fisheries sector
- To impart educational programmes such as B.F.Sc., M.F.Sc., Ph.D., PG Diploma and Certificate courses
- To undertake basic and applied research for the benefit of people in various sectors / areas of fisheries
- To disseminate the research innovations through various extension programmes

Contact:

Dr. N.V. Sujathkumar, Ph.D.,
Dean i/c,
Fisheries College and Research Institute,
Thoothukudi.
Phone: 0461-2340554

Dr. M.G.R. FISHERIES COLLEGE AND RESEARCH INSTITUTE, PONNERI



Dr. M.G.R. Fisheries College and Research Institute, Ponneri was started as the Institute of Fisheries Technology, Ponneri on 20.02.2013 by the Government of Tamil Nadu, subsequently upgraded as a college on 23.4.2015. The College is functioning with seven departments and offers B.F.Sc. degree programme from the academic year 2014-15 and M.F.Sc. and Ph.D. degree programmes in five disciplines from the academic year 2016-17 which are equipped with faculty and facility to impart quality education, perform cutting edge research and provide efficient extension and advisory services to the fisherfolk and fish farming community. Two instructional farm centres are functioning at Advanced Research Farm Facility, Madhavaram and Pulicat Field Farm Facility, Pazhaverkadu.

OBJECTIVES OF THE INSTITUTE

- To supply professionally qualified and socially responsible manpower to cater to the needs of the fisheries of the State
- To improve fish production and productivity of the state through research and technology development.
- To transfer the technologies and meet the need of the fisherfolk, fish farmers, weaker sections of the society, women SHGs and rural youth to develop fisheries and aquaculture entrepreneurship.

Contact:
Dr. B. Ahilan, Ph.D.,
Dean i/c,
Dr. MGR Fisheries College and Research Institute,
Ponneri – 601 204.
Phone: 044-27971556; Mobile: +91 9892619986

Dr. M.G.R. FISHERIES COLLEGE AND RESEARCH INSTITUTE, THALAINAYERU



Dr. MGR Fisheries College and Research Institute was established at Oradiyampulam, Thalainayeru during 2017. This institute offers B.F.Sc., degree programme from academic year 2017-18.

OBJECTIVES OF THE INSTITUTE

- To develop, equip and supply professionally qualified and socially responsible manpower to cater to the needs of fisheries sector at the state and national levels.
- To undertake basic and applied research in the field of fisheries for the benefit of stakeholders
- To disseminate various fisheries technologies for the benefit of fishers, farmers, rural youth and women SHGs to promote fisheries entrepreneurship to enhance production and consumption of fish.

The college has seven departments, four smart classrooms and 9 well equipped laboratories for teaching and research in various fisheries disciplines. Well-furnished Library is available inside the campus with 983 books and 13 periodicals. Separate hostel for Girls and Boys with dining facility is located inside the campus with a total area of 32,500 sq.ft which could accommodate 150 students.

Contact:
Dr. S. Balasundari,
Dean,
Dr. MGR Fisheries College and Research Institute,
Thalainayeru – 614 712.
Mobile: +91 9345718579

COLLEGE OF FISHERIES ENGINEERING, NAGAPATTINAM



The Institute of Fisheries Technology was established at Nagapattinam during 2012. Subsequently the Institute of Fisheries Technology has been renamed as College of Fisheries Engineering considering the growing importance and emerging needs of fisheries engineering graduates for fisheries sector. The College of Fisheries Engineering located in Nagapattinam campus has six departments and offers a four-year B.Tech. professional degree programme (Fisheries Engineering) from the academic year 2015–16. This institute also offers M.Tech. programme in two disciplines. The institution's infrastructure facilities, including student hostels, are located at the main campus of Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Muttom village, Nagore, on the ECR between Nagapattinam and Karaikal. This institute also offers B.Tech. (Energy and Environmental Engineering) from the academic year 2019-20 under self-supporting mode. The College is the first of its kind in the Country established with a sole aim of developing engineering personnel for the fisheries industries.

As a part of human resource development in the field of Fisheries Engineering, various workshops and skill development trainings on fisheries related areas are being conducted regularly. A state-of-art Water Quality Testing Laboratory facility is available to offer services to the farming community.

OBJECTIVES OF THE INSTITUTE

- To give engineering inputs in the Fisheries Sector
- To create human resources in the field of Fisheries Engineering
- To undertake research programmes in the field of Fisheries Engineering
- To help the fisherfolk of Tamil Nadu by transferring the technologies related to Fisheries Engineering

Contact:

Dr. N. Manimehalai,
Dean i/c,
College of Fisheries Engineering,
Nagapattinam – 611 002
Phone: 04365-256503; Mobile: +91 7904187174

INSTITUTE OF FISHERIES BIOTECHNOLOGY, VANIYANCHAVADI, OMR, CHENNAI



The Institute of Fisheries Biotechnology (IFBT) is a constituent college of TNJFU running in IFPGS OMR Campus located at OMR Vaniyanchavadi, Chennai. IFBT offers four year (8 semester) B.Tech. (Biotechnology) programme (Self-supporting) from the academic year 2017-18. This programme is based on ICAR common syllabus with elective subjects in Fisheries Biotechnology. The Institute was started with the following specific objectives:

- To offer academic degree programmes in Biotechnology to produce skilled quality manpower to meet the needs of fisheries sector.
- To undertake basic and applied research programmes in the field of Fisheries Biotechnology.
- To provide technical services to the industries and entrepreneurs in the fisheries sector.

The Institute is headed by an Officer i/c and in addition five teaching faculties are exclusively available to run the academic programme. Further, as this Institute is running in IFPGS OMR Campus, the teaching faculties (8 Nos.) of IFPGS are also supporting the academic programme of IFBT. There are several visiting faculties, engaged for teaching on need basis. The Institute houses good facilities like Laboratories, Library, Auditorium, Seminar Hall, Meditation Hall and Canteen. The pattern of instruction and evaluation is the semester course credit system with six semesters of course work and two semesters of Student READY (Rural Entrepreneurship Awareness Development Yojana) programme that includes practical aspects of Biotechnology, Research Project, Seminar, Educational Industrial Tour and Industrial Internship / In-plant Training.

Contact:
Dr. S.A. Shanmugam, Ph.D.,
Dean (Basic Sciences)
Institute of Fisheries Post Graduate Studies,
Vaniyanchavadi, OMR Campus, Chennai – 603 103
Mobile: +91 9894735180 /+91 9884030459

TNJFU FISHERIES BUSINESS SCHOOL, VANIYANCHAVADI, OMR, CHENNAI



The TNJFU Fisheries Business School, the first of its kind in India, was established in 2017 as an exclusive Institute to impart Business Management Programmes. The TNJFU Fisheries Business School is located on the IT corridor of Siruseri, Chennai, has easy access and good industrial linkages. The Business School offers regular four-year Bachelor of Business Administration (BBA) in Fisheries Enterprises Management programme (self-supporting) from the academic year (2019 -20) through self-finance mode. The annual intake is 20 students. Currently, two batches of students are undergoing the BBA (FBM) programme in our campus.

The curriculum was accredited by the Indian Council of Agricultural Research (ICAR). There is a huge demand for fisheries management graduates in India and abroad. Our Business School has qualified faculties and well-equipped smart class rooms, Library, computer Lab, Seminar Hall and Auditorium. Private hostel facilities are available in and around the campus. The programme is modelled on the pattern of modern trends in management education and institute – industry – interactions.

Academic Programme

- BBA (Fisheries Enterprises Management) – 4 Years (Full Time)
- MBA (Fisheries Enterprises Management) – 2 Years (Full Time)

Contact:
Dr. R. Jayaraman, Ph.D.,
Programme Coordinator,
TNJFU Fisheries Business School,
Vaniyanchavadi, OMR Campus, Chennai - 603 103
Mobile: +91 9791187737

COLLEGE OF FISH NUTRITION AND FOOD TECHNOLOGY
MADHAVARAM MILK COLONY, MADHAVARAM CAMPUS, CHENNAI



The College of Fish Nutrition and Food Technology was established at Madhavaram Milk Colony, Chennai during 2018. This institute offers a four year professional degree programme on B.Tech. (Food Technology) from the academic year 2018-19 through self-supporting mode.

This undergraduate programme includes three years of course work and one year of hands-on-training. The syllabus followed has been designed and recommended by Indian Council of Agricultural Research (ICAR), New Delhi.

FACILITIES

Digital class rooms, Seminar Hall, Library, Computer, Engineering Drawing, Physics, Food Chemistry and Food Processing laboratories are available at the institute. For Microbiology, students are trained in the Referral Laboratory in the same campus of the University. The college is planned with vision to house more classrooms and laboratories as more batches of students gain admission.

CAREER OPPORTUNITIES

Food is fundamental to life, optimum nourishment and healthy living. The food processing sector is expected to grow at a fast pace in the next two decades and therefore the opportunities for competent candidates are many. At the end of completion of the programme, the qualified candidate with a Bachelor's Degree in Food Technology will be a professional equipped to join anyone of the several branches of the food sector, based on her/his inclination and preference.

Contact:

Dr. Usha Antony, Ph.D.,
Dean,
College of Fish Nutrition and Food Technology,
Madhavaram Milk Colony, Madhavaram Campus,
Chennai – 600 051
Phone: 044-25550359; Mobile: +91 9790869252

PARAPROFESSIONAL INSTITUTE OF FISHING TECHNOLOGY MANDAPAM, RAMANATHAPURAM



Directorate of Incubation and Vocational Training in Fisheries (DIVF) is one of the constituent units of TNJFU. Under this Directorate, the Paraprofessional Institute of Fishing Technology (PIFT), Ariyaman beach, Ramanathapuram was established during the year 2019 with the financial assistance from a NADP scheme, Government of India entitled "Establishment of Fisheries Training Institute at Mandapam" with the total project outlay of Rs. 4.5 Crore. University Grants Commission (UGC) approved three year vocational degree programme, B.Voc. (Industrial Fishing Technology) degree was started on 2019 with total intake capacity of 20 students per year.

INFRASTRUCTURE DETAILS

The Paraprofessional Institute of Fishing Technology, Ariyaman beach, Ramanathapuram which is functioning under the DIVF, Ramanathapuram has been created with the following five laboratories

(i) Basic Science laboratory
(ii) Fishing Gear Technology Laboratory
(iii) Fishing Craft Technology Laboratory
(iv) Nautical and Marine Communication Laboratory
(v) Marine Engineering Laboratory

Apart from these, other essential facilities such as Marine Engineering workshop, Navigational chart reading hall, Educational Technology cum placement cell, Smart Class rooms with Internet facilities, Library, Conference hall, Seminar hall with audio visual aids, Radio Frequency tower to enable Wi-Fi connectivity and generator are also available. Currently hostel facilities are not available.

Contact:
Dr. N. Neethiselvan, Ph.D.,
Director,
Paraprofessional Institute of Fishing Technology,
Directorate of Incubation and Vocational Training in Fisheries
Mandapam, Ramanathapuram – 614 904
Mobile: +91 9489120885 / +91 9677538211

PARAPROFESSIONAL INSTITUTE OF FISHERIES TECHNOLOGY
MADHAVARAM MILK COLONY, MADHAVARAM CAMPUS, CHENNAI



Under the Directorate of Incubation and Vocational Training in Fisheries (DIVF) the Paraprofessional Institute of Fisheries Technology (PPIFT) of Tamil Nadu Dr. J. Jayalalithaa Fisheries University was started at Madhavaram campus, Chennai under the funding support of the Government of Tamil Nadu. It started offering the B.Voc. (Industrial Fish Processing Technology) degree programme approved by UGC from the year 2018. Currently, the annual intake capacity of students is 30. The institute started offering the B.Voc. (IFPT) course considering the following facts:

- Inadequate skilled man power in fish processing industries
- Lack of technical manpower in fish quality analysis
- Inadequate knowledge of fish handlers in hygienic handling methods
- Lack of supervisors for monitoring seafood processing plants
- Lack of knowledge in the preparation of value-added fishery products in the public and the utilization of seafood wastes.

Academic programme

The PPIFT is offering a vocational degree programme, B.Voc. (Industrial Fish Processing Technology) recognized by University Grands Commission (UGC), New Delhi.

Placement Details

The first batch (2018-19) students of this institute are nearing the completion of the degree programme. They will be given career guidance by arranging campus interviews.

Contact:
The Principal,
Paraprofessional Institute of Fisheries Technology,
Madhavaram Milk Colony, Madhavaram Campus,
Chennai - 600 051
Mobile: +91 9894256977; +91 7506099053

PARAPROFESSIONAL INSTITUTE OF AQUACULTURE TECHNOLOGY
MUTTUKADU, CHENNAI



Directorate of Incubation and Vocational Training in Aquaculture (DIVA) is one of the constituent units of TNJFU. Under this Directorate, a Paraprofessional Institute of Aquaculture Technology (PPIAT) has been established with NABARD funding at ECR, Muttukadu, Chennai. University Grants Commission (UGC) approved three year vocational degree programme, B.Voc (Industrial Aquaculture) has been started from the academic year 2019-20 onwards and currently two batches are in this institution. The Institute of Paraprofessional Aquaculture Technology academic building is situated on ECR, Muttukadu under DIVA with Class rooms, Conference hall, Seminar hall, Library, Museum, Aquarium, Wet lab, Feed quality analysis lab, Soil and water quality analysis lab, Microbiology lab, Fish disease diagnosis lab, UG and PG practical labs, Exam hall , Computer room, Aqua feed extrusion mill, Shrimp culture outdoor unit, Indoor aquaculture complex, Recirculatory Aquaculture System, Cage culture units, Biofloc based aquaculture system and Aquaponics system.

- Students are free to exit /enter at any point during the duration the programme period.
- If a candidate wants to discontinue after completing the I year, he/she will be awarded **Diploma in Industrial Aquaculture**. He /she can get jobs in fish/shrimp culture and seed production sector. If the same person is willing to continue the Advanced diploma/ degree course after working in the industry for some period of time, he/she will be given preference for the admission to the third semester.
- If a candidate wants to discontinue after completing the II year, he/she will be awarded **Advanced Diploma in Industrial Aquaculture**. He /she can get jobs in fish/ shrimp culture and also in shrimp hatchery sectors. If the same person is willing to continue the degree course after working in the industry for some period of time, he will be given preference for the admission to third year.
- After completing three years, the candidate will be awarded **B.Voc in Industrial Aquaculture.** He/ she can get jobs in aqua industries.

Contact:

Dr. N. Felix, Ph.D.,
Director,
Paraprofessional Institute of Aquaculture Technology,
Directorate of Incubation and Vocational Training in Aquaculture
Muttukadu, Chennai – 603 112
Phone: 044-27472118; Mobile: +91 9787643619

B.Voc. (AAHM) AT STATE REFERRAL LABORATORY OF AQUATIC ANIMAL HEALTH, MADHAVARAM MILK COLONY, MADHAVARAM CAMPUS, TNJFU



B.Voc. (Aquatic Animal Health Management) was started in the year 2019 at State Referral laboratory of Aquatic Animal Health, Madhavaram campus of the Tamil Nadu Dr. J Jayalalithaa Fisheries University with the approval of University Grants Commission (UGC)

The skill development education under B.Voc scheme shall take-up the vocational education to new levels and offer courses at Certificate, Diploma, Advanced Diploma, B.Voc with multiple entry and exit options as provided under the UGC guidelines.

Skills and knowledge are the driving forces of economic growth and social development for any country. The National Skills Qualifications Framework (NSQF) is a competency based framework that organizes qualifications according to a series of knowledge, skills and aptitude. The NSQF levels, graded from one to ten, are defined in terms of learning outcomes which the learner must possess regardless of whether they are obtained through formal, non formal or informal learning. National Occupational Standards (NOS) are statements of the skills, knowledge and understanding needed for effective performance in a job role and are expressed as outcomes of competent performance.

Contact:
Dr. A. Uma, Ph.D.,
Professor and Head
State Referral Laboratory of Aquatic Animal Health,
Madhavaram Milk Colony, Madhavaram Campus,
Chennai – 601 204
Phone: 044-25556750; Mobile: +91 9840084314

COLLABORATION / NEW INITIATIVES

Memorandum of Understanding (MoU) / Co-operate project agreement is signed between TNJFU and various International / National Universities and Fisheries Industries to carry out collaborative field level research by staff and students.

MoU with International Universities / Institutes

- Prince of Songkla University, Thailand
- Hawassa University, Ethiopia
- The University of Arizona, USA
- Agriculture and Forestry University, Nepal
- Shanghai Ocean University, China
- Asian Institute of Technology, Thailand

MoU with National Universities / Institutions

- ICAR-Central Institute of Fisheries Education, Mumbai
- ICAR-Central Institute of Brackishwater Aquaculture, Chennai
- Agriculture Skill Council of India, Haryana
- National Institute of Ocean Technology, Chennai
- ICAR-National Academy of Agricultural Research Management, Hyderabad
- Indian Institute of Food Processing Technology, Thanjavur
- Sathyabama Institute of Science and Technology, Chennai
- ICAR-Central Island Agricultural Research Institute, Port Blair
- Velammal Engineering College, Chennai
- Academy of Maritime Education and Training, Chennai
- ICAR-Central Institute of Post-Harvest Engineering and Technology, Ludhiana
- SASTRA Deemed University, Thanjavur
- Umbrella MoU with ICAR
- Bishop Heber College, Tiruchirapalli
- Centurion University, Bhubaneswar
- Kamaraj College, Thoothukudi
- Holy Cross Home Science College, Thoothukudi
- Annammal College of Education for Women, Thoothukudi
- Sri Sivasubramaniya Nadar College of Engineering, Chennai
- E.G.S. Pillay Engineering College, Nagapattinam

MoU with International Industries

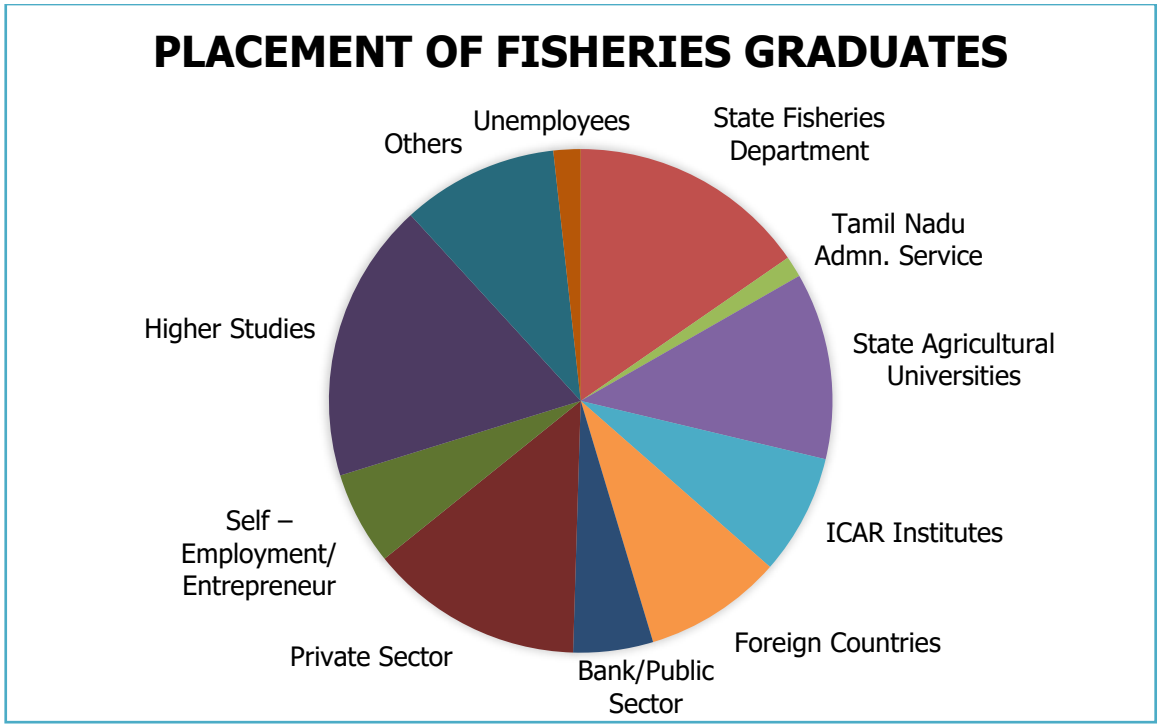
- M/s. Adisseo, France
- M/s. Liptosa, Spain
- M/s. Seribu Biosystems, Malaysia
- M/s. BASF New Business GmbH, Germany

MoU with National Industries

- M/s. VIBRAC Animal Health India Pvt. Ltd., Mumbai
- M/s. Rajshree Biosolutions LLP, Coimbatore
- M/s. NAAF Aqua Farm Pvt. Ltd., Chennai
- M/s. Sea6 Energy Pvt. Ltd., Bangalore
- M/s. Certitude Farms, Nagapattinam
- M/s. AlgalR Nutrapharms Pvt. Ltd., Thanjavur
- M/s.CPF (India) Pvt. Ltd., Chennai
- M/s. Vishalakshi Marine Farms, Nagapattinam
- M/s. PS Steel Boat Works, Nagapattinam
- M/s. Madha Ice Plant and Boat Yard, Nagapattinam
- M/s. Kemin Industries South Asia Pvt. Ltd., Chennai
- M/s. Caprienzymes Technology Pvt. Ltd., Chennai
- M/s. Kausalya Aqua Marine Product Exports Pvt. Ltd., Chennai
- M/s. Abad Overseas Pvt.Ltd., Chennai
- M/s. Danvantari Nano Ayushadi Pvt. Ltd., Chennai
- M/s. Bharath Rhino Biotech, Thanjavur
- M/s. Kings Infra Ventures Limited, Cochin
- M/s. Vel Natural Fibres, Tuticorin
- M/s. Siva Neela Fish Farm, Mayiladuthurai
- M/s. Bharath Aqua Farm, Nagapattinam
- M/s. Salem Microbes Pvt. Ltd., Salem
- M/s. Royal Marine Impex Pvt. Ltd., Kavurivaripalem, Prakasam District, Andhra Pradesh
- M/s. Hi Shrimp Hatchery Proprietorship, Sulerikadu, Chennai
- M/s. Shrimpex Biotech Services Pvt, Ltd., Uthandi, Chennai
- M/s. Golden Jubilee Biotech Park for Women Society, Siruseri, Chennai
- M/s. J.M.Bioscience Pvt.Ltd., Nandanam, Chennai

Students' Placement Cell

So far **1000** B.F.Sc., and **40** B.Tech. (Fisheries Engineering) graduates have successfully graduated from this University. Graduates are well positioned in various federal, state universities and private sectors. Many of them have become major entrepreneurs and provide job opportunities for a relatively large number of people.



I. DETAILS OF VARIOUS POSTGRADUATE DEGREE COURSES

Details of the different postgraduate degree courses at Master's and Doctoral level under the Faculty of Fisheries Sciences, Faculty of Fisheries Engineering and Faculty of Basic Sciences in the University and the number of seats available in each discipline under M.F.Sc., M.Tech and Ph.D. courses for 2021-22 are furnished below.

Sl. No.	Faculty & Discipline	FCRI, Thoothukudi		Dr. MGR FCRI, Ponneri		IFPGS, Vaniyanchavadi		CoFE, Nagapattinam
		M.F.Sc.	Ph.D.	M.F.Sc.	Ph.D.	M.F.Sc.	Ph.D.	M.Tech.
A	**Faculty of Fisheries Sciences**							
1	Aquaculture	6+2*	3+2*	3+1*	4	-	-	-
2	Aquatic Animal Health	2+1*	1	2	1	-	-	-
3	Aquatic Environment Management	2+1*	1+1*	2	1	-	-	-
4	Fisheries Economics	2+1*	1+1*	-	-	-	-	-
5	Fisheries Engineering & Technology	2+1*	2	-	-	-	-	-
6	Fisheries Extension	2+1*	1+1*	-	-	-	-	-
7	Fish Processing Technology	2	1	2	1	-	-	-
8	Fisheries Resource Management	1+1*	1+1*	2	-	-	-	-
9	Fish Quality Assurance & Management	5	3	-	-	-	-	-
10	Fish Nutrition & Feed Technology	-	-	-	-	2	2	-
11	Fish Genetics and Breeding	-	-	-	-	2	2	-
12	Fish Pharmacology and Toxicology	-	-	-	-	4	2	-
B	**Faculty of Basic Sciences**							
13	Fish Biotechnology	-	-	-	-	3+1*	2	-
C	**Faculty of Fisheries Engineering**							
14	M.Tech. (Aquaculture Engineering)	-	-	-	-	-	-	2
15	M.Tech. (Fish Process Engineering)	-	-	-	-	-	-	4
	TOTAL	**32**	**20**	**12**	**7**	**12**	**8**	**6**

Allotted under ICAR Quota.

II. M.F.Sc. / M.Tech. DEGREE COURSES

A) Eligibility criteria

- Candidates possessing four year B.F.Sc. Degree of Tamil Nadu Dr. J. Jayalalithaa Fisheries University or any other State Agricultural University and Central University recognized by ICAR shall be eligible for M.F.Sc. courses.
- Candidates possessing four year B.Tech. (Fisheries Engineering) Degree of Tamil Nadu Dr. J. Jayalalithaa Fisheries University or any other State Agricultural University and Central University recognized by the ICAR shall be eligible for applying for M.Tech. courses.
- Separate entrance examination will be conducted by the University to fill the seats in M.F.Sc. and M.Tech. degree courses. According to the merit, following communal reservation seats will be filled with Tamil Nadu candidates.
- Any unfilled seats will be filled with candidates from other States.
- Candidates from other States cannot claim admission in the quota reserved for Tamil Nadu State candidates as a matter of right on the basis of merit.
- Nativity certificate should be furnished only by those candidates who have not studied undergraduate degree course (B.F.Sc. / B.Tech. (Fish.Eng.) in Tamil Nadu, on selection from Tamil Nadu state quota.
- Candidates with an OGPA of 2.75 out of 4.00 under the trimester system or 6.5 out of 10.0 or 65% aggregate under semester system alone are eligible to apply for admission to M.F.Sc. / M.Tech. degree courses. A minimum pass is sufficient for SC / ST candidates.
- Candidates who have registered for M.F.Sc. / M.Tech. degree courses and discontinued without prior permission of the University are not eligible to seek readmission.

B) Mode of selection

- Selection of candidates for admission to M.F.Sc. / M.Tech. degree courses shall be done on the basis of marks obtained by them. The distribution of marks is furnished below:

Sl. No.	Particulars	Marks
1	Entrance examination	100
2	OGPA in B.F.Sc. / B.Tech. (Fish.Eng.)	90
3	Academic Medals / Awards	5
4	Work experience	5
	TOTAL	**200**

- For SC/ST candidates, a minimum of 40% score in entrance examination is mandatory and for other candidates, a minimum of 50% score in entrance examination is mandatory.

- Based on the marks obtained out of 200, merit list will be drawn separately for Tamil Nadu State candidates and candidates from other States and **published in the TNJFU website www.tnjfu.ac.in**.

- The ranking shall be done on the basis of the marks secured in the Entrance Examination in the case of equivalent total marks. The candidate with a higher OGPA will be considered next if the Entrance Examination mark is equal. In the event of a further tie, consideration will be given to the date of birth of the candidates and the older candidate shall be placed before the younger candidate.

- Eligible candidates will be called for Counselling as per the merit list.

C) Entrance examination

- The standard of entrance examination for M.F.Sc. / M.Tech. (Fish.Eng.) admission will be at undergraduate level and will include 100 multiple choice type questions with four responses, covering all the courses in B.F.Sc. / B.Tech. (Fish.Eng.) programme. Refer website (www.tnjfu.ac.in) for the list of courses with detailed syllabus. Each question will carry 1.0 mark and the maximum marks will be 100. The examination will be of one hour duration. **There shall be negative mark of 0.25 for every incorrect answer.**

- Overall merit list will be hosted in the University website. If the desired discipline is not available, candidates may opt for a wait list. Such candidates will not be given any firm seat in other disciplines. The waitlisted candidates will be considered if any vacancy occurs later in the discipline concerned.

- The entrance examination hall ticket can be downloaded from the University website.

- Admission to entrance examination does not confer on the candidate the right of admission to the course.

- Candidates appearing for the entrance examination will have to come to the examination centre at their own expenses and make their own arrangement for stay.

- Candidates who arrive 30 minutes after the start of entrance examination and also those who do not have a hall ticket will not be permitted to appear for the entrance examination.

- No candidate shall be allowed to leave the examination hall before 30 minutes of closure of the entrance examination. Once a candidate leaves the hall, he/she will not be permitted to enter the examination hall again.

D) Counselling procedure

- Eligible candidates, as per their rank, will be called for counselling. At the time of counselling, selected candidates can choose any one of the available disciplines of their choice. He / she will not be granted any firm seat in other disciplines if a candidate wants to be on the waiting list. The waiting list will be filled through the second counselling.

III. Ph.D. DEGREE COURSE IN FISHERIES SCIENCE

A) Eligibility criteria

- Entrance Examination will be conducted discipline-wise to fill the seats. According to the merit, seats will be filled with Tamil Nadu candidates.
- Any unfilled seats will be filled with candidates from other States.
- Candidates from other States cannot claim admission in the quota reserved for Tamil Nadu State candidates as a matter of right on the basis of merit.
- Nativity certificate should be furnished only by those candidates who have not studied under undergraduate and post graduate degree courses, (B.F.Sc. & M.F.Sc.) in Tamil Nadu, on selection from the Tamil Nadu state quota for Ph.D. admission.
- Candidates with an OGPA of 2.75 out of 4.00 under the trimester system or 6.5 out of 10.0 under semester system or 65 percent under the semester system or 65% aggregate in the Master's degree alone are eligible to apply for admission to Ph.D. degree course in Fisheries Science. A minimum pass is sufficient for SC / ST candidates
- Candidates with four year B.F.Sc. and M.F.Sc. degree in the concerned field of specialization (as given in the table below) from a State Agricultural University or Central University recognised by the ICAR shall alone be eligible to apply.
- Candidates who have graduated in one discipline at Masters level can apply for admission to the same or closely related disciplines as given below.

Sl.No.	Discipline	Eligibility
A	**Faculty of Fisheries Sciences**	
1	Aquaculture	M.F.Sc. in Aquaculture / Aquatic Animal Health / Fish Nutrition & Feed Technology / Fish Genetics and Breeding
2	Aquatic Animal Health	M.F.Sc in Aquatic Animal Health / Aquaculture / Fish Nutrition & Feed Technology
3	Aquatic Environment Management	M.F.Sc. in Aquatic Environment Management / Fisheries Resource Management
4	Fisheries Economics	M.F.Sc. in Fisheries Economics / Fisheries Extension / M.Sc. in Agriculture Economics / M.V.Sc. in Veterinary Economics
5	Fisheries Engineering & Technology	M.F.Sc in Fisheries Engineering & Technology
6	Fisheries Extension	M.F.Sc. in Fisheries Extension / Fisheries Economics / M.Sc. in Agriculture Extension / M.V.Sc. in Veterinary Extension
7	Fish Processing Technology	M.F.Sc. in Fish Processing Technology / Fish Quality Assurance and Management
8	Fisheries Resource Management	M.F.Sc. in Fisheries Resource Management / Aquatic Environment Management
9	Fish Quality Assurance & Management	M.F.Sc. in Fish Quality Assurance and Management / Fish Processing Technology
10	Fish Nutrition & Feed Technology	M.F.Sc. in Fish Nutrition & Feed Technology / Aquatic Animal Health / Aquaculture
B	**Faculty of Basic Sciences**	
11	Fish Genetics and Breeding	M.F.Sc. in Fish Genetics and Breeding / Aquaculture
12	Fish Biotechnology	M.F.Sc. in Fish Biotechnology
13	Fish Pharmacology & Toxicology	M.F.Sc. in Fish Pharmacology & Toxicology

- Candidate can apply more than one course and application fee will be collected accordingly.

- Candidates who have registered for Ph.D. degree courses and discontinued without prior permission from the University are not eligible to seek readmission.

B) Mode of selection

- Candidates for Ph.D. degree course will be selected based on the marks obtained in the Entrance Examination and other criteria as detailed below:

Sl.No.	Particulars	Marks
1	Entrance examination	40
2	OGPA in M.F.Sc.	40
4	Publications	10
3	Work experience	5
5	Academic Medals / Awards	5
	TOTAL	**100**

- For SC/ST candidates, a minimum of 40 percent score in Entrance Examination is mandatory and for other candidates, a minimum of 50 percent score in Entrance Examination is mandatory.

C) Entrance examination

- Entrance Examination will be conducted in the concerned subject / discipline studied at the Master degree level. The Examination will be with 80 multiple choice type questions with four responses and each question will carry 0.5 mark with a maximum of 40 marks. **There shall be negative mark of 0.125 for every incorrect answer.** The Examination will be conducted for duration of **45 minutes**. The list of courses with syllabus is available in the University website (**www.tnjfu.ac.in**). Candidates who have applied for admission in more than one discipline needs to appear for entrance examination of the disciplines concerned separately. Overall merit list will be hosted in the University website **www.tnjfu.ac.in**.

- The entrance examination hall ticket can be downloaded from the University website.

- Admission to entrance examination does not confer on the candidate the right of admission to the course.

- Candidates appearing for the entrance examination will have to come to the examination centre at their own cost and make their own arrangement for stay.
- Candidates coming 30 minutes after the start of the entrance examination and also those who do not have a hall ticket will not be permitted to appear for the entrance examination.
- No candidate shall be allowed to leave the examination hall before 30 minutes of closure of the entrance examination. Once a candidate leaves the hall, he/she will not be permitted to enter the examination hall again.

D) Counselling procedure

- Eligible candidates, as per their rank, will be called for counselling. At the time of counselling, selected candidates can choose any one of the available disciplines of their choice. He / she will not be granted any firm seat in other disciplines if a candidate wants to be on the waiting list. The waiting list will be filled through the second counselling

IV. SYSTEM OF EDUCATION

Semester course credit system is followed. An enrolled student should complete the course and research credits prescribed from time to time and shall have to earn a minimum Overall Grade Point Average (OGPA) of 6.5 out of 10.0 in order to earn a Postgraduate (M.F.Sc. / M.Tech. / Ph.D.) degree.

V. SCHOLARSHIPS

The following scholarships are available for deserving Masters / Doctoral degree candidates.

A. TNJFU Stipend

All students admitted to M.F.Sc. / Ph.D. courses and do not avail any scholarship are eligible to avail University Stipend of Rs. 4,000/- (Rupees four thousand only) per month for M.F.Sc. and Rs. 5,000/- (Rupees five thousand only) per month for Ph.D. courses.

B. Other Government Scholarship

i. Adi-Dravida Welfare Scholarship
ii. Backward Class Scholarship
iii. Merit Scholarship

C. Fellowship in Research Schemes

Students of PG and Ph.D. programmes of Tamil Nadu Dr. J. Jayalalithaa Fisheries University can work as JRF / SRF in external funded research schemes / Industry sponsored schemes according to their field of specialization.

VI. FEES AND DEPOSITS

Each candidate selected to study PG courses in TNJFU is required to pay the following tuition fees, special fees, etc., as prescribed by the University at the time of admission.

(M.F.Sc. / M.Tech. – 4 Semesters, Ph.D. – 6 Semesters)

Sl. No.	Particulars	I Semester	II, IV, VI Semester	III, V Semester
1	**Tuition Fees**	5000	5000	5000
2	**Examination Fees**	4000	4000	4000
3	**Special Fees**			
	i. College Magazine	200	200	200
	ii. University Calendar	100	-	100
	iii. Library Fees	500	500	500
	iv. Sports, Games charges	250	250	250
	v. Computer charges	500	500	500
	vi. Laboratory contingency fund	1000	1000	1000
	vii. Registration, enrolment fees	300	-	-
	viii. Admission fees	300	-	-
	ix. Syllabus	100	-	-
	x. Identity Card	100	-	-
	xi. Transport charges	250	-	250
	xii. Day Scholar amenity	250	-	250
4	**Other charges**			
	i. Students Association	250	-	250
	ii. Journal subscription	1000	-	1000
	iii. Alumni Association	100	-	100
	iv. Personal accident insurance fee	200	-	200
	v. Transcript Card / Degree Certificate charges	400	-	-
	vi. Co-operative Society fees: (Membership fee Rs. 10/-, Share Capital Rs.15/- and Trade Deposit Rs.100/-*)	125	-	-
	vii. Lab fund	2000	2000	2000
	viii. Library Caution Deposit *	500	-	-
5	**Lodging Fees (for Hostellers)**	1500	1500	1500
	Total	**18925**	**14950**	**17100**

**** Refundable***

In addition, the following counselling fee shall be paid on the day of counselling.

Counselling Fee (Non-refundable):

For SC / SCA / ST	: Rs. 1000/-
For OTHERS	: Rs. 2000/-

VII. RESERVATION

The reservation rules as laid down by the Government of Tamil Nadu shall be followed. Reservation rules are only applicable if there are four or more seats in a discipline. If the number of seats is less than four, the preference will be solely based on absolute merit.

VIII. HOSTEL FACILITIES

- Hostels are available for boys and girls and the mess is run on a dividing system.
- The students will be accommodated in the hostels to the extent possible, as the facilities available are limited.
- An amount of Rs.10,000/- will be collected as hostel deposit.

IX. IMPORTANT NOTE

A candidate who has been selected for admission to M.F.Sc. / M.Tech. / Ph.D. degree courses should register for the course concerned within 13 working days from the date of commencement of registration as per the provisions made in the Regulations for the Postgraduate degree course under semester pattern. If he/she does not register for the course within the above period, his/her admission will automatically be cancelled.

Tamil Nadu Dr. J. Jayalalithaa Fisheries University reserves the right to cancel or vary any of these rules without notice.

X. PREVENTION OF RAGGING

If any incident of ragging comes to the notice of the authority, the student concerned shall be given a chance to explain and if his / her explanation is found not satisfactory, the authority would expel him / her from the Institution.



FOR THE USE OF THE FORWARDING AUTHORITY

(for employed candidates only)

Endt. No. Dated:

The application of Dr./Mr./Mrs./Ms. _____ for admission to M.F.Sc. / M.Tech. / Ph.D. degree is forwarded for consideration. He / She will be relieved in the event of selection.

Station :
Date :

Signature of the Competent Authority
Designation

(Office Seal)

NATIVITY CERTIFICATE

Certified that Dr./Mr./Mrs./Ms. _____

S/o / D/o / W/o Mr. _____ an applicant for admission to M.F.Sc./ M.Tech. / Ph.D. degree is the native of _____

Taluk : _____

District : _____

State : _____

Signature of the Village Administrative Officer: _____

Signature of Tahsildar / Deputy Tahsildar : _____

Name and Designation : _____

Official Seal :

Station : _____

Date : _____

NOTE

(a) This certificate should be furnished only by those candidates who have not studied under graduate degree course, B.F.Sc. / B.Tech. (Fish.Eng.) / M.F.Sc. in Tamil Nadu on selection from the Tamil Nadu state quota.

(b) *This certificate should first be signed by the officer in-charge of concerned village or town which he/she claimed as the place of nativity and it should thereafter be countersigned by an officer of the Revenue Department not lower than the rank of the Deputy Tahsildar of the Taluk concerned*.