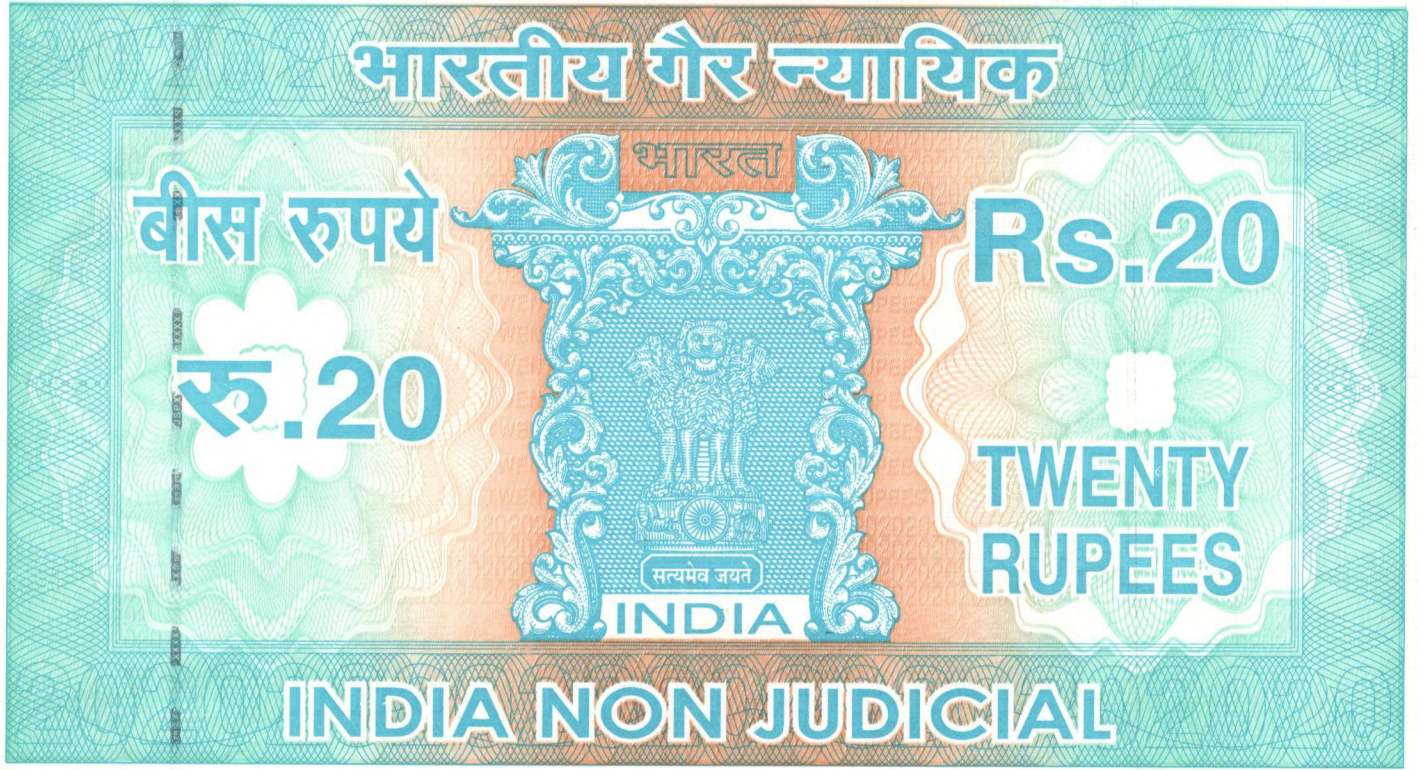




தமிழ்நாடு தமில்நாடு TAMIL NADU

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Radhika Rajasrees.R


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Sholinganallur, Chennai-600 119.
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Memorandum of Understanding

between

Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam – 611 002

and

Sathyabama Institute of Science and Technology, Chennai – 600 119

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this **18th (Tuesday)** day of the month of **September** in the year **2018** between the Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam herein called First party on ONE PART and Sathyabama Institute of Science and Technology, Chennai hereinafter called Second party on the OTHER PART (who for the purpose of this MoU are hereinafter collectively referred to as the parties).

The parties, having discussed fields of common research interests and allied activities between the two institutions, have decided to enter into long-term collaboration for promotion of research in cutting areas marine sciences, fish genetics, marine biotechnology, environmental biotechnology, environmental engineering, remote sensing & GIS application, disaster mitigation & management, marine engineering, information sciences and other identified mutual areas.

WHEREAS the "First Party" is involved in studies in different disciplines of fisheries and an institution of higher learning which has been mandated to provide high quality training and education in the fields of fisheries. TNJFU offers B.F.Sc, B.Tech (Fisheries Engineering), B.Tech (Biotechnology) and B.Tech (Food Biotechnology) at Undergraduate level, M.F.Sc in 12 disciplines of Fisheries viz. Aquaculture, Fisheries Resource Management, Aquatic Environment Management, Aquatic Animal Health, Fish Processing Technology, Fish Quality Assurance and Management, Fish Biotechnology, Fish Pharmacology and Toxicology, Fish Genetics and Breeding, Fisheries Engineering and Technology, Fisheries Extension, and Fisheries Economics at Postgraduate level and Ph.D. in 10 disciplines of Fisheries viz. Aquaculture, Fisheries Resource Management, Fish Processing Technology, Fish Quality Assurance and Management, Aquatic Environment Management, Aquatic Animal Health, Fish Biotechnology, Fisheries Engineering and Technology, Fisheries Extension, and Fisheries Economics at doctoral level (More details can be found in www.tnjfu.ac.in).

AND WHEREAS the "Second Party" is involved in education, research and training offering 27 under graduate, 41 post graduate programmes and Ph.D. in all areas of Engineering, Science and Management, 14 research centres to carry out research and extension in the areas of Ocean Research, Remote sensing and Geoinformatics, Nanoscience and Nanotechnology, Climate change Studies, Earth and Atmospheric Sciences, Waste management, Laboratory animal technology, Drug discovery and development, Space technology, robotics and automation, Quality Assurance and non-destructive evaluation, and Advanced Electronic Test Engineering (www.sathyabama.ac.in).

AND WHEREAS it has been considered expedient to agree in writing to participate jointly in the projects, workshops , training programmes requiring expertise and logistics from

both the parties.

The PARTIES, having discussed the fields of common research interests and allied activities between the two institutions, have decided to enter into a long-term collaboration in the areas of education, training and research. The areas of co-operation include Marine Food Products Technology, Marine Biotechnology, Marine Chemistry, Marine Ecotoxicology, Marine Post-Harvest Technology, Marine Biofouling & Bio-corrosion, Physical & Chemical Oceanography, Marine Ecology & Biodiversity, Climate Change Adaptation, Underwater Acoustics, Patents, Products, Education & Training subject to mutual consent, any program which the parties consider as an effective contribution to the fostering and development of cooperative relationship between the parties. The terms of individual programs and activities shall be mutually discussed and agreed upon in writing by the parties prior to their initiation.

Article 1. Scope

- 1.1 Both the parties will mutually recognize the other party as an Institution for conducting collaborative research related to their requirement of the research students in accordance with both the Universities' rules and regulations for guiding students working for the said degree.
- 1.2 Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mutually agreed domain within the approved disciplines/divisions.
- 1.3 Research instrumentation facility and library facilities available with the First party and the Second party will be made available to the faculty and research scholars of the other party. However, the costs of specific consumables and other research materials like fish samples will be borne by the respective institution, which uses them for their research.
- 1.4 There can be visits of students between the institutions for academic, research and training purposes. Special guest lectures by faculty fellows of one institution can be arranged for the students of the other institution as per the need of the respective institution. Accommodation in the Hostel shall be arranged, wherever possible, as per extant rates. The duration of exchange visits will be determined by

mutual consent between both the parties.

Article 2. Management

- 2.1 First party and Second party will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MoU.
- 2.2 The parties or their authorized representatives will meet at the beginning of the operation of this MoU and atleast once in a year alternatively in the institutions of the First party and the Second party to review the activities carried out as proposed in this MoU. This meeting shall include presentation on the academic and research activities, which should be open to the students and scientists involved in these activities.

Article 3. Exchange of Information

- 3.1. The term "information" includes scientific or technical data, results and/or methods of investigation, and other information intended to be provided, exchanged, or arising under project descriptions entered into pursuant to this MoU.
- 3.2. The parties support the widest possible dissemination of information. Each party in joint projects shall be given the right to jointly use, disclose, publish or disseminate such information for any and all purposes.

Article 4. General Provisions

- 4.1 It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of scholars or students, which violate principles of non-discrimination.
- 4.2 Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.
- 4.3 Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations

and policies of both the parties.

4.4 Any research publications arising out collaborative projects will be jointly published based on the research contributions of both the parties

4.5 A copy of the thesis/dissertation will be mutually exchanged by the two parties after the award of the degree by their respective University.

4.6 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution of dispute, if any.

4.7 All questions not foreseen, related to this MoU will be handled by the parties by mutual agreement.

Article 5. Intellectual Property Rights

5.1 Both the parties will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the collaborative research work. Both the parties shall be the joint applicants for IPRs including the doctoral students and scientific staff involved in the research shall be included as the inventors. The Intellectual Property Management and Technology Transfer/Commercialization' as amended from time to time shall be the reference for exploitation of the generated intellectual property, whose The IPR management (application filing, publication, examination and the award) expenses and benefits sharing shall be mutually decided in each case.

5.2 Both the parties mutually agree and decide the location and sharing quantum of research work.

5.3 The number of doctoral student(s) at any particular period will be subjected to the availability of research facilities and scientists' time to guide thesis research at both the institutions.

Article 6. Entry into effect, modification and termination

6.1 This MoU shall become effective on the date it is signed by the parties and shall be valid for three years extendable up to five years. The period of validity of this MoU may be extended by mutual consent up to five years. This MoU may be amended

or terminated by mutual written agreement signed by both the parties.

6.2 All joint activities not completed at the expiration or termination of the MoU may be continued until their completion under the terms of this MoU.

6.3 No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MoU. The modifications/changes shall become part of the MoU and shall be effective from the date on which they are made / executed, unless otherwise agreed to.

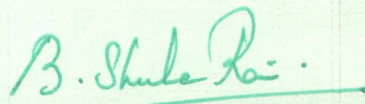
This MoU has been executed in two originals, one of which has been retained by the First party and the other by the Second party).

IN WITNESS WHEREOF, the parties have executed this MoU and represent that they approve, accept and agree to terms contained herein.

Signed by



**For Tamil Nadu Dr. J. Jayalalithaa
Fisheries University
Nagapattinam – 611 002**



**For Sathyabama Institute of
Science & Technology
Chennai – 600 119**

Date : 18.09.2018

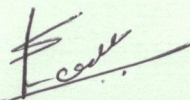
Date : 18.09.2018

Witnessed by



**For Tamil Nadu Dr. J. Jayalalithaa
Fisheries University
Nagapattinam – 611 002**

Witnessed by



**For Sathyabama Institute of
Science & Technology
Chennai – 600 119**

Date : 18.09.2018

Date : 18/9/18

