



पश्चिम बंगाल पश्चिम बंगाल WEST BENGAL

97AB 634498

MEMORANDUM OF UNDERSTANDING (MoU)

Between

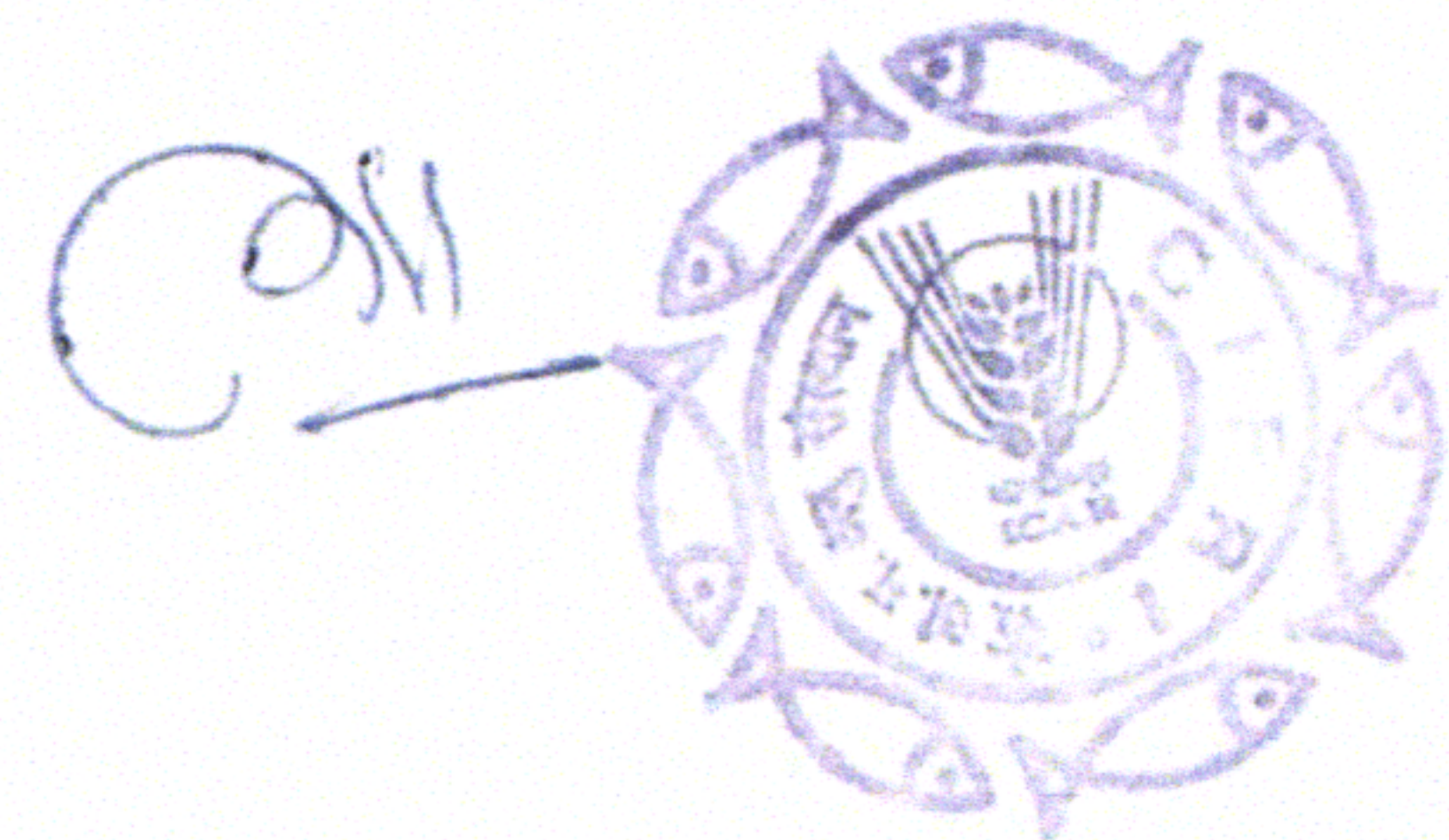
ICAR – Central Inland Fisheries Research Institute,
Barrackpore, Kolkata – 700120, West Bengal

&

Dhanamanjuri University, Imphal, Manipur – 795001.

This Memorandum of Understanding (hereinafter called the 'MoU') is made on this day of _____ 2025 with respect to the establishment of joint research, educational programs and community engagement through joint extension activities.

BETWEEN



851
তারিখ 21/05/2025
ক্রমিক
নাম H. K. Darr
মূল্য 10/-
স্বাক্ষর Santanu Banerjee
তারিখ 21/05/2025
স্থান 24 P/O (X1)
শ্রীমতী সান্তানা ব্যানার্জী
স্বাক্ষর

Dhanamanjuri University is a state University established through The Dhanamanjuri University Act, 2017 which came into force on 6 April 2018. The university incorporates five constituent colleges: DM College of Arts, DM College of Science, DM College of Commerce, GP Women's College, and LMS Law College, herein represented by its **Vice Chancellor** hereinafter referred to as "DMU" (which expression shall, unless excluded by or repugnant to the context be deemed to include its successors in office, representative, administrators and assigns) as the **FIRST PARTY**.

AND

CENTRAL INLAND FISHERIES RESEARCH INSTITUTE situated in Barrackpore, West Bengal -700120, herein represented by its **Director** hereinafter referred to as "**ICAR-CIFRI**" (which expression shall, unless excluded by or repugnant to the context be deemed to include its successors in office, representative, administrators and assigns) as the **SECOND PARTY**.

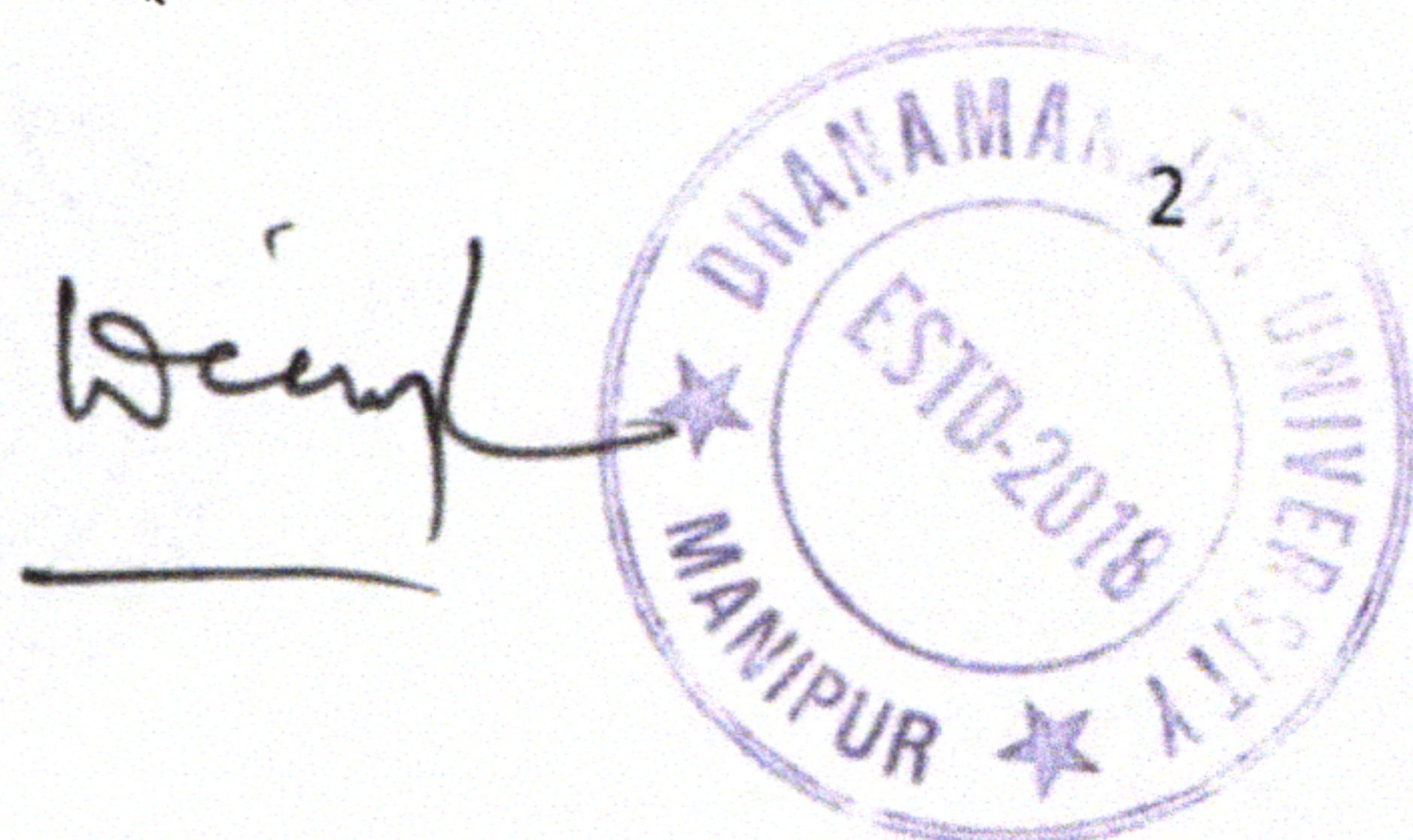
Further, DMU & CIFRI shall hereinafter be jointly referred to as the Parties.

1. Parties to the MoU

ICAR – Central Inland Fisheries Research Institute, Barrackpore

ICAR-Central Inland Fisheries Research Institute, Barrackpore under ICAR has the primary goal of research, training and extension in the field of inland fisheries encompassing lacustrine, riverine, reservoir and floodplain environments, enhanced and culture-based fisheries, etc., besides conducting studies on aquatic pollution, behavior and migration of fishes and environmental impact assessment related to various development projects.

With the growing food scarcity in the country during and after World War II, the need was felt for organizing fisheries research covering the entire country for harnessing the cultivable waters for fish production. This gave birth to Central Inland Fisheries Research Station (CIFRS) in March, 1947 at old Mint House, Strand Road, Calcutta. The present institution at Barrackpore, the oldest cantonment of India was formally declared open by Dr. B.C. Roy, the then Hon'ble Chief Minister of West Bengal on June, 17 in 1959. The



administrative control of the CIFRI was transferred from the Ministry of Food and Agriculture, Government of India to the Indian Council of Agricultural Research with effect from October 1, 1967. The research programme of the Institute was thoroughly re-oriented and was redrawn into priority laid and problem-oriented projects during 1967. The Institute has the scientific cadre strength of 85 scientists working in interdisciplinary mode in 3 full-fledged Divisions and two sections. In addition, the Institute has 4 Regional Centers and two stations. The mandate of the Institute as approved by the ICAR is as follows:

1. Basic and strategic research for sustainable management of inland open water resources
2. Develop protocols for productivity enhancement in reservoirs and wetlands and aquatic ecosystems health management
3. Act as repository of information on inland open water fisheries resources
4. Human resource development through training, education and extension

ICAR-CIFRI, Barrackpore is a center of excellence for research and innovation in field of inland fisheries. This organization has a proven record for advancing researches in field of fisheries science including riverine fisheries, fish breeding, population dynamics, climate change, health of aquatic ecosystems like river, wetland, reservoirs, lakes, tanks etc. on vital issues and other focused area covered under broader domains of advanced fish biology, bio informatics, molecular biology, disease diagnosis, econometrics and modeling beside this institute has expertise in enclosure culture and culture based fisheries.

In order to encourage and facilitate best quality research, education and extension in inland open fisheries research and natural resource management in the country, ICAR - CIFRI, Barrackpore is keen to share its world class resources and collaborate with the universities/organizations in this endeavor as per ICAR rules and guidelines.

Dhanamanjuri University Manipur

Dhanamanjuri University (D. M. University) was established on the 6th of April, 2018 under "The Dhanamanjuri University Act, 2017" through a notification in Manipur



Gazette published by the Department of Higher and Technical Education, Government of Manipur. Dhanamanjuri, the then Maharani of Manipur donated a sum of Rs. 10, 000/- only for the establishment of a college in 1946 and in recognition of the valuable services rendered by the Maharani, the college was named as the Dhanamanjuri College (D. M. College). The classes of D. M. College began in 1946 itself with Arts subject (I.A. Class) in Johnstone High English School (now Johnstone Higher Secondary School), Imphal and the college was affiliated to Calcutta University, Calcutta in 1946 itself.

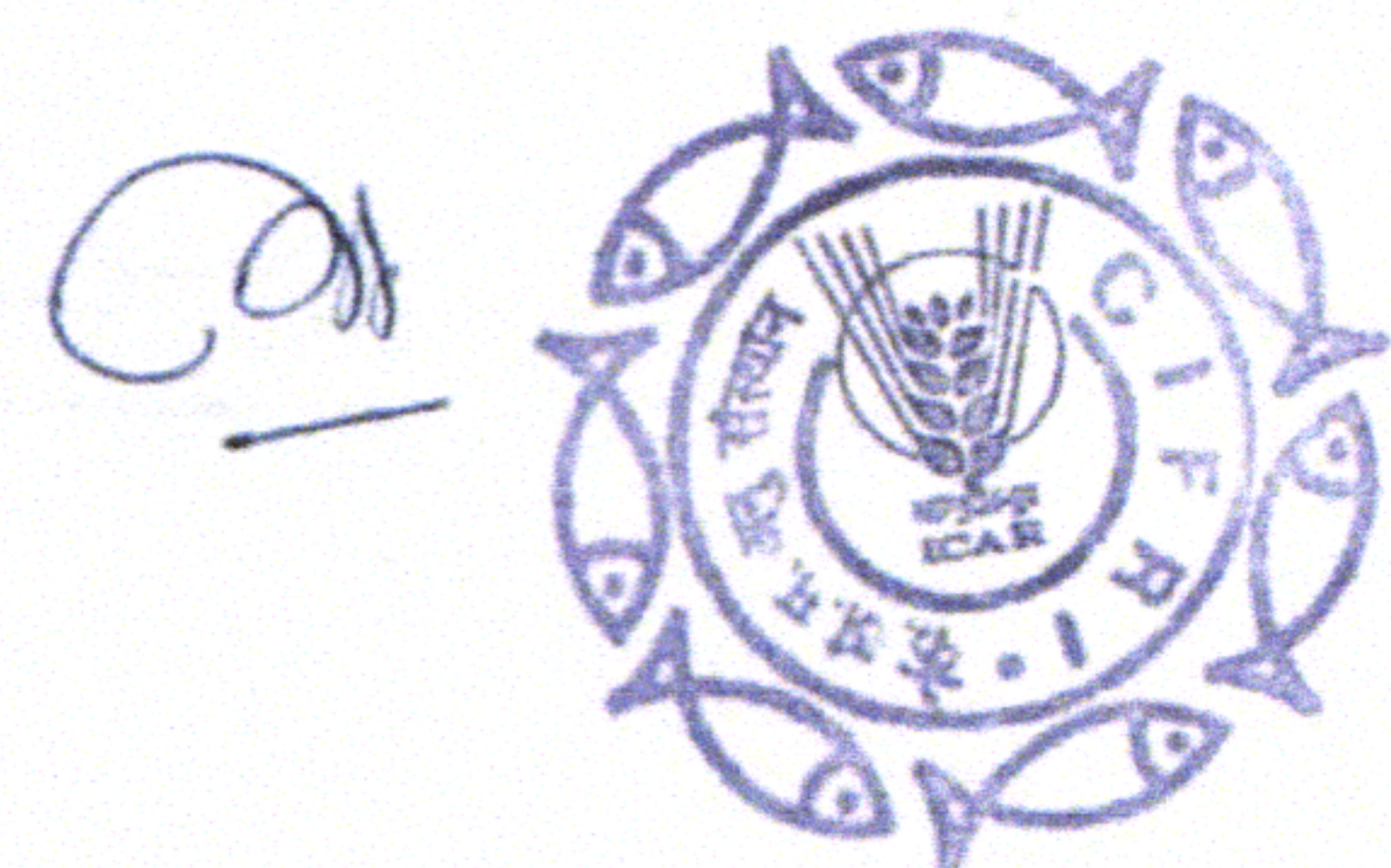
The University was created by clustering of five constituent colleges, namely, Dhanamanjuri College of Science (D. M. College of Science), Dhanamanjuri College of Arts (D. M. College of Arts), Dhanamanjuri College of Commerce (D. M. College of Commerce), Ghanapriya Women's College (G. P. Women's College) and Lairenmayum Sheibiyashachi Law College (L. M. S. Law College), all of which occupy common, adjoining or neighbouring physical spaces under the National Scheme of Rashtriya Uchchatar Shiksha Abhiyan (RUSA).

Dhanamanjuri University is situated in the heart of Imphal city, and the campus is bounded by National Highway No.2 in the East, Thangmeiband road in the West and North, and the Naga River in the South. Ghanapriya Women's College is located at the Southwest of Kangla, the old palace of Manipur near the Raj Bhavan and L. M. S. Law College is located just in-front of the D. M. Campus crossing the National Highway No. 2.

The University offers a two-year post-graduate programme in Science, Arts, Commerce, Physical Education & Sports Sciences and Law in four semesters. The post-graduate programme is in accordance with the UGC-LOCF Choice Based Credit System (CBCS) adopted by the Academic Council, Dhanamanjuri University, Manipur, in the line of National Education Policy, 2020.

The objective of the university is approved as follows:

- To establish a framework for academic cooperation and coordination between the Dhanamanjuri University Manipur, India and ICAR-Central Inland Fisheries Research Institute, Barrackpore, West Bengal, India.
- To bring both the institutions, scientists and research scholars and students to work together towards a common goal as addressed in the MoU.

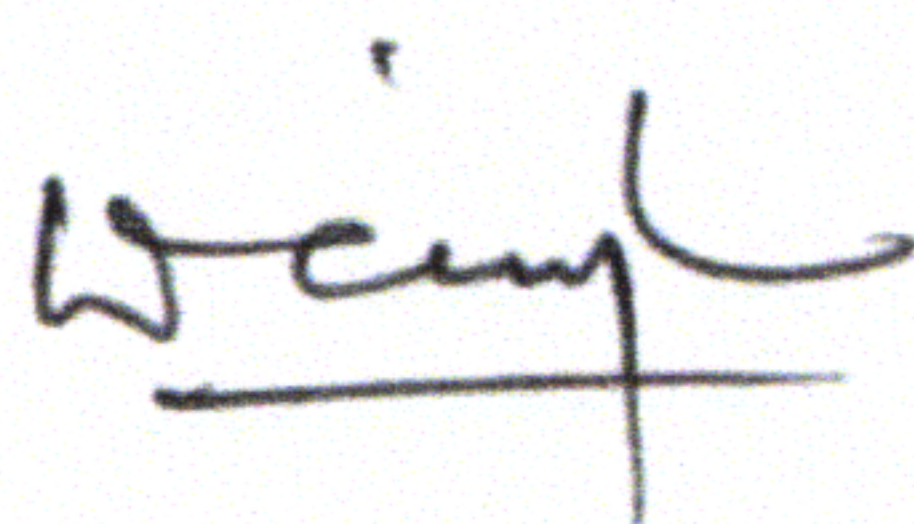


- Co-operation between the parties may be established within the areas of research, academic exchange of students and faculties as and when required and with respect to the matter of academic importance and other mutually agreeable issues.
- For the purpose of this Memorandum of Understanding:
 - A 'home institution' refers to the institution where the student(s) is a full-time student, and from where she/he is expected to graduate or where a faculty member(s) is employed.
 - A 'host institution' refers to the institution that receives the student(s) for a specified period of time to undertake a pre-determined programme of study or research or receives the faculty member(s) for a specified period of time to participate in academic and/or research programme(s).
 - A 'short-term course' refers to an academic programme of less than six months' duration.

2. Terms of agreement for

ICAR - Central Inland Fisheries Research Institute, Barrackpore (ICAR Institute)

- (i) That student of two-year M.Sc. courses, and Ph.D. students registered with the DMU will be allowed to carry out research work pertaining to inland fisheries, ecosystem health, environmental science and related aspects at ICAR-CIFRI, Barrackpore as per the requirements and approved plan of work.
- (ii) That the students of post-graduation and PhD program registered with the Dhanamanjuri University Manipur will be allowed to undergo training programmes of specified duration with approval of both institutions and on payment of nominal charges as per ICAR guidelines.
- (iii) That the number of such students will be based on ICAR-CIFRI research agenda and availability of ICAR-CIFRI scientist's time to guide the students.
- (iv) That the approved ICAR-CIFRI scientist will provide research supervision at the ICAR-CIFRI, Barrackpore. However, the course requirements for M.Sc./Ph.D. programme may be completed at Dhanamanjuri University Manipur itself.
- (v) That the ICAR-CIFRI, Barrackpore will also facilitate mutually agreed Ph.D. research/thesis work at the Institute and may also provide field and laboratory





facilities on request basis and payment of fees prescribed by ICAR for such facilities.

- (vi) That the periodic training (summer or winter) as required for the fulfillment of course work under different programs of the University may be carried out at the Institute at charges fixed by the Institute from time to time.
- (vii) That the research work undertaken under this MoU will be reviewed as per the research review system followed at ICAR-CIFRI, Barrackpore.

Dhanamanjuri University Manipur, Imphal, Manipur

- (i) That the University shall recognize the ICAR Institute (ICAR-CIFRI, Barrackpore) and specific disciplines/divisions/departments as Centres for conducting research work for the award of post-graduate/ Doctoral degrees of the University.
- (ii) That the scientists/officers of the ICAR-CIFRI, Barrackpore on their individual merit and in accordance with the ICAR/UGC and University rules and regulations shall be recognized as Supervisors/co-supervisors/Guides/co-guides/external supervisors for guiding research.
- (iii) That the Scientists and the Research Fellows at the ICAR shall be allowed to register for Doctoral programs run by the University. The scientists of the ICAR-CIFRI, Barrackpore may be incorporated in the Departmental Research Committee (DRC) as an expert in the relevant subject/field.
- (iv) That the University may invite ICAR-CIFRI Scientists/Experts as visiting faculty members to deliver lectures as per requirement of the University in various courses. However, TA and DA may be borne by University. Suitable honorarium may also be given to concerned scientist as per University rules.
- (v) That collaborative research projects could be promulgated between ICAR-CIFRI scientists/experts and faculty members of the University and submitted to National and State-level funding agencies, and the research output such as publications, patents could be shared for research benefits of both the institute and the University.

Weyl



Both Institute & the University

- (i) That the ICAR-CIFRI scientist recognized by the Dhanamanjuri University Manipur and the research scholars who would work at ICAR - CIFRI for PG/thesis research shall be governed by relevant rules and regulations of both ICAR and DMU, respectively.
- (ii) That the research project to be undertaken by the student shall be decided through mutual consultation among the student, university and ICAR-CIFRI, Barrackpore.
- (iii) That the periodical meetings of the students with supervisors will be held either at the premises of ICAR Institute or University.
- (iv) That a copy of thesis shall be deposited at both the university and ICAR-CIFRI, Barrackpore after the award of the degree. The contribution of ICAR-CIFRI, Barrackpore must be duly recognized in the manuscripts of the theses.
- (v) That it is agreed that all outcomes of the ICAR-CIFRI, Barrackpore / Dhanamanjuri University Manipur, pertaining to joint research activities, including all intellectual property rights (IPR), shall be jointly owned by both the parties. As such, they shall remain publicly accessible and shall be available to both ICAR-CIFRI, Barrackpore and DMU.
- (vi) That the result/Benefits/IPRs from collaborative research such as improved technology, material, machinery, process, designs and techniques, accruing or arising from this effort may be used by either or both the parties with due recognition of each party's contribution. The IPR may be registered in the name of both the institutions. The "ICAR Guidelines for Intellectual Property Management and Technology Transfer/Commercialisations 2018" shall be the reference for exploitation of the generated intellectual property, whose management and benefits sharing shall be mutually decided in each case.
- (vii) That, the research findings as a result of this collaborative work will be published in the public interest after mutual agreement of both the parties. Any publication(s) resulting from the post graduate research work must be processed jointly by the scientists/supervisor at ICAR-CIFRI, Barrackpore and the faculty at DMU and explicitly recognize that work has been done at ICAR - CIFRI,



Barrackpore and DMU. The norms already existing for publishing student's research at DMU and that at ICAR-CIFRI, Barrackpore shall be followed. Research findings published by either party will give due credit to other party's contribution, but the publishing party shall be entirely responsible for conclusions and interpretations reported.

- (viii) That the Hon'ble Vice-Chancellor of the Dhanamanjuri University Manipur and the Director, ICAR-CIFRI, Barrackpore will be jointly responsible for working out the operational details of the agreement between the two organizations and ensure proper and effective implementation of the MoU. During the study period at both the Institutes, the highest authority of the University/Institute will be the Controlling authority, and candidate shall be bound to get permission to leave the place of work from the Controlling authority.
- (ix) That the Dhanamanjuri University Manipur and the ICAR-CIFRI, Barrackpore may invite each other faculty members on special occasions (Seminars/Conferences/ Workshops, etc.) to develop strong linkages.

3. Effective Time Period

This agreement will be in-effect from the date of signing this MoU by both the parties for five years and renewed further if mutually agreed. However, either party may terminate the agreement by written notification signed by the appropriate official of the institution initiating the notice. Such notice must be received by the other party six months prior to the effective termination date. However, obligations and commitments already contracted shall be honored and continued by both the parties until such commitments are over. These commitments under agreement may be amended/modified/ deleted after mutual agreement by means of exchange of letters between the Institute and the University. Once approved by both the parties, such amendment shall also become a part of this Memorandum of Understanding (MoU).

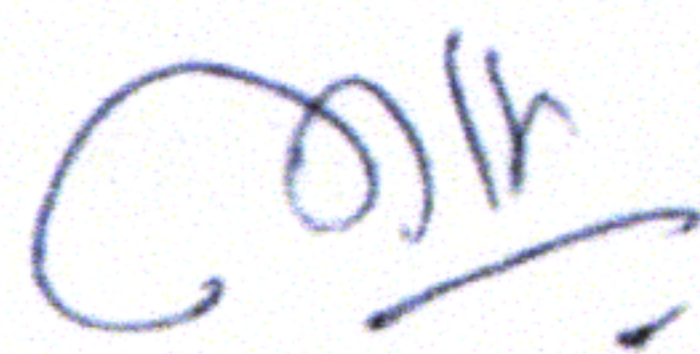


4. **IN WITNESS HEREOF**, the Parties, through their duly authorized representatives, hereby agree to the provisions of this Memorandum of Understanding drawn up in two originals.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

Signed on behalf of First party

Singed on behalf of Second Party



Director
ICAR- Central Inland Fisheries Research Institute
(ICAR-CIFRI)
Barrackpore



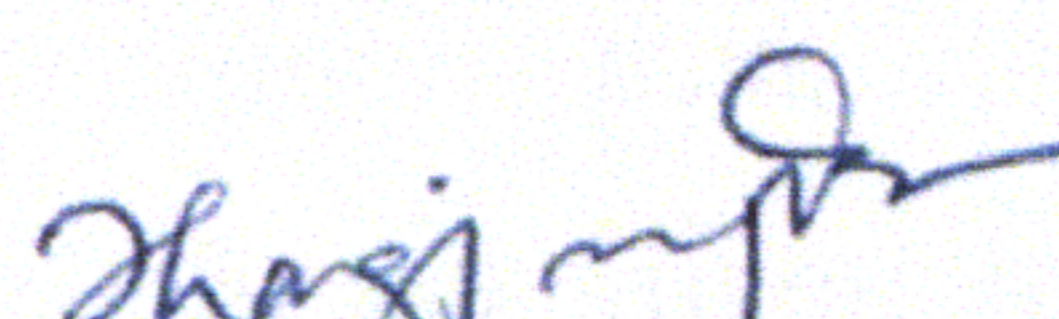
बसंत कुमार दास/BASANTA KUMAR DAS
निदेशक /Director
भा.क. अनु.प.-केन्द्रीय अंतर्स्थलीय मात्स्यिकी अनुसंधान संस्थान
ICAR-Central Inland Fisheries Research Institute
वैरकपुर, कोलकाता-700120
Barrackpore, Kolkata-700120

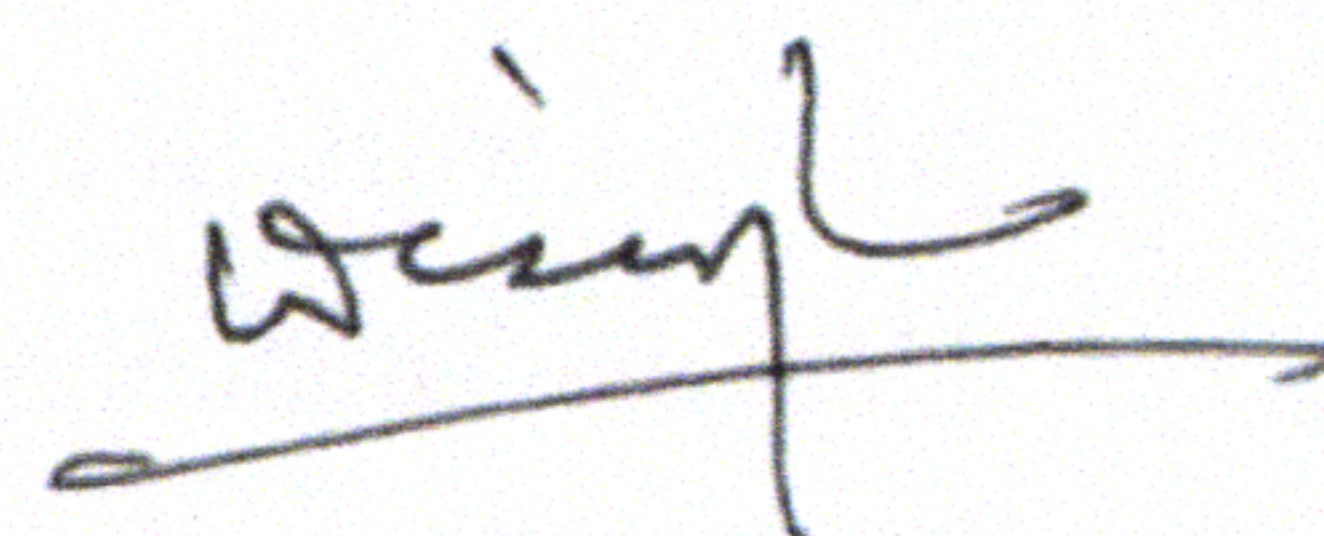
Countersigned

Witness – 1


GANESH CHANDRA
IIC ITMU

Witness – 2


THANGJAM NIRUPADA CHANDRA
SCIENTIST, ICAR-CIFRI

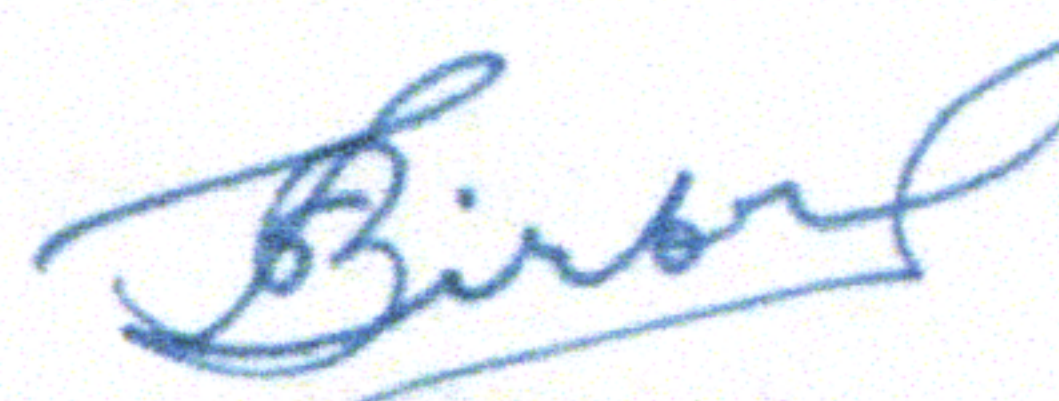


Vice-Chancellor
Dhanamanjuri University Manipur,
Near Thao Ground
Thangmeiband
Imphal-795001

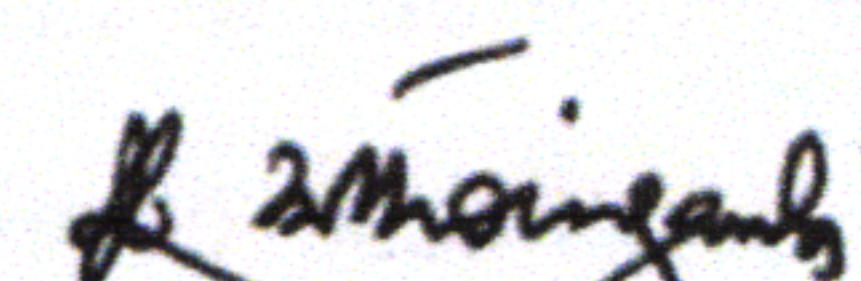
Vice Chancellor
Dhanamanjuri University



Witness – 1


Principal
D. M. College of Science
Imphal

Witness – 2


Prof. Irengbam Linthoingambi Devi
Department of Zoology
Dhanamanjuri University, Manipur