



पश्चिमबङ्ग पश्चिम बंगाल WEST BENGAL

Z 818458



*Umbrella Memorandum of Understanding  
between*

**ICAR-Central Institute of Freshwater Aquaculture**  
(An ISO 9001:2008 Certified Institution)  
(Indian Council of Agriculture Research)  
Kausalyaganga, Bhubaneswar 751002, Odisha

*and*

**The University of Burdwan, Burdwan 713104, West Bengal**  
**University/ DU [Within NARS (AUs/ICAR DUs) or Outside NARS (Central/State Govt./Public Sector Funded Institutions/State Universities/Autonomous Bodies/Private Universities or Institutions)]**

*for facilitating*  
**Students' Training/Postgraduate Research**

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this twenty seventh day of the month of March in the year 2018 by and between the **ICAR-Central Institute of Freshwater Aquaculture** (Name of the ICAR Institute) having its

Jitendra Kumar Soodhary Debo Anan Roy



Head Office at **KAUSALYAGANGA, BHUBANESWAR 751002, ODISHA** [hereinafter called "**ICAR-CIFA**" / First party], a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110 001 on the ONE PART and the **The University of Burdwan** [Name of the AU/ICAR-DU (Within NARS) or Central/State Govt./Public Sector Funded Institution/State University/Autonomous Body/Private University or Institution] having its headquarters at **BURDWAN 713104, WEST BENGAL** [hereinafter called "**BU**" / 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 students' training and quality postgraduate research in cutting edge areas in accordance with the provisions contained in the Guidelines issued vide Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 or as revised from time to time.

WHEREAS the "**ICAR-CIFA**" is involved in the studies on Freshwater Aquaculture (fish nutrition and physiology; fish health management; fish genetics and biotechnology; fisheries extension, economics and information sciences),

AND WHEREAS the "**BU**", established on 15th June 1960 by Govt. of West Bengal vide Act No. XXIX of 1959 and recognized by University Grants Commission (under Section 12B of the UGC Act, 1956) at its **Department of Zoology** is involved in studies on various disciplines of Aquaculture and Fisheries (fish nutrition and probiotics, aquatic ecology and toxicology, fish diseases and immunology),

AND WHEREAS it has been considered expedient to agree in writing to participate jointly in the projects requiring expertise and logistics from both the parties.

Now this instrument witnesses as follows:

  
(Signature of First Party)

निदेशक/DIRECTOR  
मा.क.अनु.प.-सौफा/ICAR-CIFA  
पो.-कौशल्यगंगा/P.O.-Kausalyaganga  
भुवनेश्वर/Bhubaneswar-751002

  
(Signature of Second Party)

REGISTRAR  
THE UNIVERSITY OF BURDWAN  
BURDWAN - 713104

## Article 1. Scope

- 1.1 The BU will recognize the ICAR-CIFA as an Institute for conducting research related to the thesis requirement of the research students for Ph.D./M.Phil./Masters. The BU will recognize Scientists of the ICAR-CIFA as recommended by its Director in accordance with the University 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 mandated domain within the approved disciplines/divisions. The objective(s) for research work for a student coming from a Second party outside NARS should be exclusively different as far as possible.
- 1.3 Research instrumentation facility and library facilities available with the ICAR-CIFA and the BU will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.
- 1.4 There shall be an exchange of students for academic, research and training purposes. 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 Director of the ICAR-CIFA and the Vice-Chancellor/Head of the Institution of the BU 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 Advisory Committee will meet at least once in a year alternatively in the institutions of the First party and the Second party to review the activities. This meeting shall include presentation on the academic and research activities, which should be open to the students, faculty and scientists.

## 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 use, disclose, publish or disseminate such information for any and all purposes.

## Article 4. General Provisions

- 4.1 It is understood that the ICAR-CIFA and the BU 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.

*Jitendra Kumar Sengupta*  
(Signature of First Party)

*[Signature]* 27.3.18  
(Signature of Second Party)

निदेशक/DIRECTOR  
पा.क.अनु.प.-सीफा/ICAR-CIFA  
पो.-कौशल्यांग/P.O-Kausalyaganga  
मुबनेश्वर/Bhubaneswar-751002

Page 3 of 6

REGISTRAR  
THE UNIVERSITY OF BURDWAN  
BURDWAN - 713104



- 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 the First party and the Second party.
- 4.4 Any research publications arising will be jointly published in accordance with the provisions laid out in Item 3.2.1C of the Guidelines for the students to conduct research for their degree programme as trainees at ICAR institutions as notified *vide* Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 or revised guidelines, if any, as may be issued from time to time.
- 4.5 A copy of the thesis/dissertation submitted by the research students affiliated to the ICAR-CIFA will be deposited to the ICAR-CIFA after the award of the degree by the BU.
- 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 failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.
- 4.7 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.8 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.

#### Article 5. Intellectual Property Rights

- 5.1 The BU will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work. The ICAR-CIFA and the BU shall be the joint applicants for IPRs and the students and involved scientific staff shall be included as the inventor/breeder/author. The 'ICAR Guidelines for 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 management and benefits sharing shall be mutually decided in each case, by the parties hereto.

#### Article 6. Admission and Fees

- 6.1 All those who wish to register as trainees or for Master/Doctoral programme under this MoU must apply for admission at the BU. The allocation of Major Guide/Advisor would be finalized before the registration and will be governed by the provisions laid out in Items 3.2.1A and 3.2.2A of the Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions as notified *vide* Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 or revised Guidelines, if any, as may be issued from time to time, for the students from within NARS and outside NARS, respectively.
- 6.2 Admission of the students and the award of degrees for different programmes will be the responsibility of the BU as per the rules and regulations.
- 6.3 Allotment of the students at the ICAR-CIFA will be done by the approval of Director of the ICAR-CIFA and Vice-Chancellor/Head of the Institution of the BU.
- 6.4 The ICAR-CIFA and BU would have the right to screen the student's eligibility for admission based on their academic period.

*Jatendra Kumar Sundaray*  
(Signature of First Party)

निदेशक/DIRECTOR  
भा.कृ.अनु.प.-सीफा/ICAR-CIFA  
पो.-कौशलबाग/P.O-Kausalyaganga  
भुवनेश्वर/Bhubaneswar-751002

*[Signature]* 27.3.18  
(Signature of Second Party)

REGISTRAR  
THE UNIVERSITY OF BURDWAN  
BURDWAN - 713104

- 6.5 The PME Cell of the ICAR-CIFA in consultation with the representative of the BU shall decide the location and sharing quantum of research work.
- 6.6 The number of student(s) at any particular time will be subjected to the availability of research facilities and scientists' time to guide thesis research at the ICAR-CIFA.
- 6.7 Any student(s) admitted to the ICAR-CIFA for training/postgraduate research, if found violating the rules and regulations laid down by the ICAR-CIFA or indulge in such activities that amount to tarnishing the image of the Institute, or cause damage to the property, the registration of such student(s) would be summarily terminated. The BU will not complete the formalities of issuing the certificates to such students until they compensate the losses to the ICAR-CIFA.
- 6.8 Fees will be charged from the students by the ICAR-CIFA as per Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions vide Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 or revised Guidelines, if any, as may be issued from time to time. No fee may be charged by the First party from the students registered with AU/DU within NARS. However a student registered with a Second party, outside NARS, will deposit fee of Rs. 10,000/- for training duration of 3 months (not leading to a degree/dissertation) and Rs. 30,000/- per semester (six months) for training, research, dissertation exceeding three months. Any change in fee structure by ICAR will be applicable from the date of revision and shall be charged by the ICAR-CIFA.

#### Article 7. Entry into effect, modification and termination

- 7.1. 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. Both parties shall review the status of the MoU at the end of each five year period to determine any modification, whenever necessary. The period of validity of this MoU may be extended by mutual consent up to five years. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.
- 7.2. 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.
- 7.3 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.

*Jitendra Kumar Sundaray*  
(Signature of First Party)

निदेशक/DIRECTOR  
भा.क.अनु.प.-सीका/ICAR-CIFA  
पो.-कौशल्यगंगा/P.O-Kausalyaganga  
भुवनेश्वर/Bhubaneswar-751002

*[Signature]* 27.3.18  
(Signature of Second Party)

REGISTRAR  
THE UNIVERSITY OF BURDWAN  
BURDWAN - 713104



This MoU has been executed in two originals, one of which has been retained by the ICAR-CIFA and the other by the BU).

IN WITNESS WHEREOF, the parties have executed this MoU on the 27. March 2018 first above written and represent that they approve, accept and agree to terms contained herein.

ICAR-Central Institute of Freshwater  
Aquaculture  
Kausalyaganga, Bhubaneswar 751002  
Odisha

The University of Burdwan  
Burdwan 713104, West Bengal

Name of the Director of the First Party

Name of Head of the Institution of the  
Second Party

DR J K SUNDARAY

DR D K PANJA

Tel No. (0674) 2465421, 2465446

Tel. No. (0342) 2634 015

Date

Date **27-03-2018**

Signature with Seal

*Jitendra Kumar Sundaray*  
27.3.18

Signature with Seal



*[Signature]*  
27.3.18

निदेशक/DIRECTOR  
भा.कृ.अनु.प.-सीका/ICAR-CIFA  
पो.-कौशल्यगंगा/P.O.-Kausalyaganga  
भुवनेश्वर/Bhubaneswar-751002

REGISTRAR  
THE UNIVERSITY OF BURDWAN  
BURDWAN - 713104

Witness 1.....

*[Signature]*  
CP. U. S. Chel  
P. S. S. Chel  
ICAR-CIFA  
Bhubaneswar

Witness 1.....

*Anandamay Barik*  
27/03/18

Dr ANANDAMAY BARIK  
Associate Professor & Head  
Department of Zoology  
The University of Burdwan  
Golapbag, Burdwan-713104

Witness 2.....

*[Signature]*  
CA. BARAK  
PRINCIPAL SCIENTIST  
ICAR-CIFA  
Bhubaneswar

Witness 2.....

*[Signature]*  
27/03/18

DR. Koushik GHOSH  
ASSOCIATE PROFESSOR  
DEPARTMENT OF ZOOLOGY  
THE UNIVERSITY OF BURDWAN  
GOLAPBAG, BURDWAN-713104, W.B., INDIA