

# ***Memorandum of Understanding (MoU)***

**Between**

***ICAR-National Bureau of Fish  
Genetic Resources (NBFGR),  
Lucknow***

**And**

***Mahatma Jyotiba Phule Rohilkhand  
University (MJPRU), Bareilly***





## Memorandum of Understanding Between

### ICAR-National Bureau of Fish Genetic Resources (NBFGR), Lucknow and Mahatma Jyotiba Phule Rohilkhand University (MJPRU), Bareilly

This Memorandum of Understanding (MoU) is entered into on the ..... between ICAR-National Bureau of Fish Genetic Resources, Lucknow, herein after called as "NBFGR"/first party and Mahatma Jyotiba Phule Rohilkhand University, Bareilly, herein after referred to as "MJPRU"/second party.

#### About ICAR-NBFGR

The ICAR-National Bureau of Fish Genetic Resources (ICAR-NBFGR), established in 1983 and headquartered in Lucknow, Uttar Pradesh, is a premier research institute under the Indian Council of Agricultural Research (ICAR), dedicated to the conservation and sustainable utilization of fish genetic resources in India. The institute plays a critical role in supporting the country's fisheries development by undertaking systematic exploration, characterization, and cataloguing of aquatic genetic diversity across diverse ecosystems. Its core mandates include the maintenance and preservation of fish genetic resources, with a focus on prioritized indigenous and exotic species for both conservation and utilisation. Additionally, ICAR-NBFGR is engaged in the scientific evaluation of germplasm, including risk assessment of exotic species and monitoring fish health to support sustainable aquaculture practices. Through its integrated research efforts, the Bureau serves as a national repository and advisory body, contributing to biodiversity conservation, resource sustainability, and evidence-based policy formulation in the fisheries sector.

#### About MJPRU

Mahatma Jyotiba Phule Rohilkhand University (MJPRU), located in Bareilly, Uttar Pradesh, is a prominent state public university established in 1975 and renamed in 1997 to honour social reformer Mahatma Jyotiba Phule. It is a comprehensive affiliating-cum-residential institution, offering undergraduate, postgraduate, and doctoral programs across diverse faculties including Engineering, Management, Science, Law, and Humanities. Accredited with an A++ grade by NAAC, MJPRU emphasizes academic excellence, interdisciplinary research, and societal development. The university fosters innovation through specialized departments and research centres. With a strong academic and research foundation, MJPRU is a significant hub for higher education in northern India.

#### About MoU

This Memorandum of Understanding between ICAR-NBFGR and MJPRU aims to foster collaborative research and advance scientific and technological knowledge, which will benefit students and researchers.

MoU between ICAR-NBFGR and MJPRU

4/2

2/5



## Objectives

MoU between ICAR-NBFGR and MJPRU, having the following objectives:

1. ICAR-NBFGR may be accorded recognition by MJPRU under various Departments of the Faculty of Life Sciences and the Faculty of Engineering & Technology to facilitate the scientists of ICAR-NBFGR as recognized guides/supervisors to guide the Ph.D. students.
2. Both parties agree that Ph.D. students enrolled under this collaborative program shall undertake the mandatory six-month coursework at the host Institute ICAR-NBFGR, in accordance with the syllabus and academic regulations prescribed by the affiliating University MJPRU. The host Institute shall ensure that the coursework meets the academic standards and requirements stipulated by the University to enable credit recognition and progression in the Ph.D. program.
3. Utilization of ICAR-NBFGR's laboratories and research infrastructure by registered research scholars of MJPRU for the Ph.D. thesis works.
4. Joint research projects in the areas of biotechnology, molecular genetics, bioinformatics, cryopreservation, fish breeding technology, taxonomy, aquatic ecosystem conservation, fish health, invasive species biology, and fisheries resource management.
5. Exchange of scientific and academic expertise, including faculty development programmes, lectures, workshops, and training.
6. Mutual support in the publication and dissemination of research outcomes.

## Responsibilities

### *Joint Collaboration:*

- a) Ph.D. students of MJPRU can register for research at ICAR-NBFGR and ICAR-NBFGR is to be recognized by MJPRU under the Department of Plant Science/Animal Science/Microbiology/Pharmacy etc. of the Faculty of Life Sciences and the Faculty of Engineering & Technology respectively to facilitate the scientists of ICAR-NBFGR as recognized guides/supervisors to guide the Ph.D. students.
- b) Both parties agree that Ph.D. students enrolled under this collaborative program shall undertake the mandatory six-month coursework at the host Institute ICAR-NBFGR, in accordance with the syllabus and academic regulations prescribed by the affiliating University MJPRU. The host Institute shall ensure that the coursework meets the academic standards and requirements stipulated by the University to enable credit recognition and progression in the Ph.D. program
- c) Scientists of ICAR-NBFGR are to be recognized as a MAJOR GUIDE/SUPERVISOR for Ph.D. students of MJPRU.
- d) The Coursework of the PhD students registered under the guidance of a recognized scientists of ICAR-NBFGR will be conducted at MJPRU as per the university's rules and regulations.
- e) Faculty members/Scientists of ICAR-NBFGR and MJPRU shall be desired to undertake collaborative research in the disciplines of Science and Technology.
- f) Faculty members and Scientists of ICAR-NBFGR and MJPRU agree to jointly organise conferences, workshops, seminars, symposia, summer schools, training, in-plant training, lectures, etc. to improve the exchange of knowledge and experience.
- g) Faculty members/scientists of ICAR-NBFGR and MJPRU agree to work for the exchange of faculty depending on the requirement and experience for the benefit of the Ph.D. Students



and research scholars.

- h) Faculty members/Scientists of ICAR-NBFGR and MJPRU agree to jointly submit research projects to national and international funding agencies for external funding.
- i) Faculty members/Scientists of ICAR-NBFGR and MJPRU agree to obtain approval from the Institutional Ethics Committee as required by their respective institutions before the actual work using laboratory animals on research projects begins.

*MJPRU, Bareilly will facilitate the following:*

- a) MJPRU, Bareilly, will allow students to conduct research work in ICAR- NBFGR, the institute, and its centres.
- b) Ph.D. students can do research in ICAR-NBFGR and may get themselves registered for Ph. D. with the University, having supervisor from ICAR-NBFGR as a GUIDE.
- c) The University shall provide facilities (laboratories, libraries, etc.) for conducting research work under joint research projects on a sponsorship basis.

*ICAR-NBFGR, Lucknow, will facilitate the following:*

- a) ICAR-NBFGR will provide Guidance/Supervision to PhD students of MJPRU, at a nominal charge.
- b) ICAR-NBFGR shall make available existing facilities, such as laboratories and the library, for research/project work on a sponsorship basis.
- c) ICAR-NBFGR shall provide facilities for research projects on mutual areas of interest.

#### **Modalities of co-operation**

A coordination committee comprising the Director, ICAR-NBFGR, Lucknow and the Vice-Chancellor, MJPRU, Bareilly or their nominee and a programme coordinator of both parties, who could be a faculty or scientist, will be responsible for setting up and implementing the envisaged research activities.

The collaboration will be on a work-sharing research basis, in which each party carries out a specific complementary component of the larger project and, in turn, obtains access to the total research output of the project. The committee shall meet at least once every year and review the progress on all activities carried out under a guide/co-guide. Contingency grants for research by the Ph.D. students not working on any projects at ICAR-NBFGR will be spent either by the student or by the student's Parent University / College/Institute.

#### **Funding and Financial Liabilities**

The activities carried out under MoU will be financially supported by the respective institutions separately and as approved by the funding agencies permitting joint research. No party will be financially liable for any claim or interest towards the other party for any activity undertaken under this MoU. If required, a joint proposal may be sent to the funding agencies in India or abroad.

#### **Amendment of MoU**

The MoU can be amended only by written consent duly signed by signatories or their nominees. The MoU between the ICAR-NBFGR, Lucknow and MJPRU, Bareilly, will come into force after getting approval from the authorities or their nominees. The parties acknowledge and agree to fulfil the requirements and to undertake all activities identified under this MoU.



This MoU becomes effective from the date when signed by both parties and will be valid for 5 years, which may be extended for a period suited to both parties. The confidentiality maintenance period will be 3 years from the date of expiry of the MoU.

### Arbitration Clause

This MoU is a statement of the parties' intent to cooperate, and it is not legally binding upon the parties under any circumstances whatsoever. This MoU will not create legally enforceable rights, claims, interests, duties, and obligations in favour of either party as against the other party.

### Confidentiality

The parties will enter into a case-specific non-disclosure agreement to honour the confidentiality of any sensitive/ proprietary information that may be shared.

### Termination of Agreement

Any party may terminate the agreement under this MoU by providing six months' written notice.

This **AGREEMENT** is hereby accepted and agreed to by each PARTY'S authorized representative as indicated below:

**ICAR-National Bureau of Fish Genetic Resources (NBFG), Lucknow – 226 002**

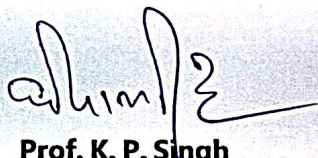
  
**Dr. Kajal Chakraborty**  
Director  
ICAR-NBFG

Email: [director.nbfg@icar.org.in](mailto:director.nbfg@icar.org.in)  
निदेशक / Director

Date: भा.क.अनु.प.-राष्ट्रीय मत्स्य आनुवंशिक संसाधन ब्यूरो  
ICAR-National Bureau of Fish Genetic Resources  
कैनल रिंग रोड, पो.ओ. दिलकुशा, निकट तेलीबाग  
Canal Ring Road, P.O. Dilkusha, Near Telibagh  
लखनऊ-226 002, (उ० प्र०)  
Lucknow-226002, (U.P.)

Seal

**Mahatma Jyotiba Phule Rohilkhand University, Bareilly – 243 006**

  
**Prof. K. P. Singh**  
Vice-Chancellor  
MJPRU

Email: [vc@mjpru.ac.in](mailto:vc@mjpru.ac.in)

Date

Seal

Witness:

Witness:

Witness: Mr. Sanjeev Kumar  
Registrar, MJPRU

Witness: Prof. S. K. Panday  
Dean, Academics, MJPRU