

# MEMORANDUM OF UNDERSTANDING

Between

GLA UNIVERSITY, MATHURA

and

NATIONAL BUREAU OF ANIMAL GENETIC RESOURCES, KARNAL (ICAR)

This Memorandum of Understanding (MoU) is entered into on the 4th Apr, 2019 between GLA University, Mathura and ICAR-National Bureau of Animal Genetic Resources (NBAGR), KARNAL. The purpose of MoU is to promote Academic & Research and any other activity, if deemed appropriate by mutual consent of both the parties.

## Objectives

1. GLA University, Mathura and NBAGR, Karnal may undertake joint educational and scientific research projects within the specified areas of interest to promote academic and research interactions and co-operations.
2. Project Proposal/(s) may be formulated jointly by the concerned faculty of GLA University, Mathura and NBAGR, if so agreed mutually.
3. Joint sponsored projects could be undertaken with both long-term and short-term goals in keeping with the interests and philosophies of respective universities.
4. Undertaking the Ph. D. research program in the field of Animal Genetics/Genomics/Biotechnology and other area of Life Sciences/Physical science/Pharmaceutical sciences, etc.
5. Both GLA University, Mathura and NBAGR shall encourage lectures by the faculty/scientists in the area of academic exchange, scientific cooperation and various other facilities etc. Visiting scientists and appropriately qualified faculty members from either university shall be paid honorarium by the host institute for the Lectures delivered as per ICAR norms.

## Joint Conferences/Workshops/Courses:

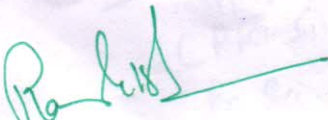
1. Both GLA University, Mathura and NBAGR agree to hold/conduct, whenever feasible, joint conference/workshops/training courses within the areas of common scientific interest/cooperation.

## Sharing of Facilities:

1. Both GLA University, Mathura and NBAGR agree to share their respective important Research and Development (R&D) facilities in order to promote academic and research interactions in a user friendly manner with a spirit of healthy cooperation and professionalism in accordance with the guidelines set forth for such purpose.
2. Both GLA University, Mathura and NBAGR agree to exchange software and other material and components developed in the area of science and technology, if permissible, within rules governing the two universities.
3. Both GLA University, Mathura and NBAGR agree to provide access to their libraries to the students of each other for a specified period on case to case basis upon receiving such a request forwarded by the concerned Head of Department.

## Doctoral Supervision

1. There shall be provision for joint supervision/guidance with the NBAGR for Ph.D registration at GLA University, Mathura with supervisor from GLAU faculty and

  
निदेशक/Director

भा.कृ.अनु.प.-राष्ट्रीय पशु आनुवंशिक संसाधन ब्यूरो  
ICAR-National Bureau of Animal Genetic Resources  
करनाल-132001 (हरियाणा)/Karnal (Haryana)

  
Ashok Kumar Singh  
Registrar  
GLA University, Mathura (U.P.)

Co-supervisor/Co-guide from NBAGR or in a manner permitted under the ordinances of GLA University, Mathura.

NBAGR shall extend facility to GLA University, Mathura students as per ICAR Guidelines

**B. Fee Structure:-**

The students shall be uniformly charged a fee of Rs. 20,000/- for training/research/dissertation up to duration of 3 months and @ Rs. 30,000/- per semester for the work exceeding three months. The fee structure is to be reviewed periodically after two years by the AU/DU or the ICAR Institute, as the case may be. However, the students may be charged a fee of Rs. 10,000/- for training duration of three months not leading to a dissertation/degree.

**IPR**

The Intellectual Property Rights (IPR) generated or likely to be generated during collaborative research work shall rest with both GLA University, Mathura and ICAR-NBAGR (on behalf of ICAR), Karnal. The benefits of technology transfer shall be shared equally between GLA University, Mathura and ICAR-NBAGR, Karnal.


**Areas of Cooperation:**

The areas of cooperation and the mutual interest shall be clearly defined and modified with prior approval of competent authority of both the parties.


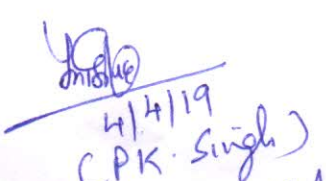
This MoU shall initially be valid for the period of five years from the date of its signing. During the period of its validity, the MoU can be modified, or amended at any time by the Coordination Committee by mutual consent or terminated by either party giving a written notice of at least six months in advance.

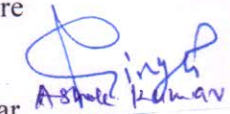
Executed this 4<sup>th</sup> day of April, 2019 for the period of five years, and further extendable with the consent of both the parties.

The authorized representatives of both parties hereunto affixed their signature below:

Signature:   
Name: R.K. VISHWAKARMA  
Director, NBAGR, Karnal  
निदेशक/निदेशक  
भा.क.अनु.प.-राष्ट्रीय पशु आनुवंशिक संसाधन ब्यूरो  
ICAR-National Bureau of Animal Genetic Resources  
करनाल-132001 (हरियाणा)/Karnal (Haryana)


**Witness (Name & Designation)**

1.   
(M.S. Taulia)  
Pr. Sei., NBAGR
2.   
4/4/19  
CPK Singh  
Pr. Sei., NBAGR

Signature:   
Name: Ashok Kumar Singh  
Registrar  
GLA University, Mathura  
Registrar  
GLA University, Mathura (U.P.)

WITNESS (Name & Designation)  
  
Dr. Anoop Kumar Gupta  
Director  
Institute of Applied Sciences & Humanities  
GLA University, Mathura (U.P.)

1. Dr. Anoop Kumar Gupta  
Director-IAH & Dean (Acad)

  
2. Dr. S.V. Singh  
HOD, BIOTECH  
Dr. S.V. Singh  
Professor & Head, Dept. of Biotechnology  
GLA University, Mathura (U.P.), INDIA