

Memorandum of Understanding
Between
ICAR-Central Sheep and Wool Research Institute, Tonk
and
GLA University, Mathura, UP
for

Promotion of inter-institutional research collaboration, staff and
Students' Training/Postgraduate Research

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this 16 day of the month of April in the year 2019 by and between the **ICAR-Central Sheep and Wool Research Institute, Tonk** [hereinafter called CSWRI/First party], a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110001 on the ONE PART and the **GLA University, Mathura** having its headquarters at **Mathura** [hereinafter called Second party] on the OTHER PART (who for the purpose of this MoU are hereinafter collectively referred to as the parties).

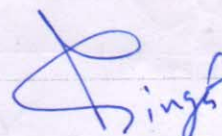
The parties, having discussed fields of common research interests and allied activities between the two institutions, have decided to enter into long-term collaboration for promotion of inter-institutional research, staff and students' training postgraduate and doctoral research in cutting edge areas in accordance with the provisions contained in the Guidelines issued vide Letter No. 2-8/2012- HRD dated 11th December 2012 or as revised from time to time.

WHEREAS the "First Party" The ICAR- Central Sheep and Wool Research Institute (hereinafter referred to as ICAR-CSWRI and the expression shall include all its present and future units) is a National Institute established by the Indian Council of Agricultural Research (ICAR) and has scientific staff/positions with specialization in Animal Nutrition, Vety. Microbiology, Vety. Medicine, Vety. Pathology, Vety. Physiology, Vety Reproduction, Animal Genetics & Breeding, Biotechnology, Livestock Production and Management, Livestock Product Technology, Wool Science and Biochemistry. These Scientists are well trained in their field in India/abroad. The Institute has well equipped laboratories having most modern scientific instruments /facilities. The Institute has excellent physical and technical facilities for doing research on sheep and wool problems. The Institute is also conducting extension activities.

AND WHEREAS the "Second Party", established vide Act No 21 of 2010 of Govt. of Uttar Pradesh and recognized (under section 2F) by UGC vide its letter number- F. No. 8-20/2010(ccp-1/PU Dated November 2010 at its Department of Biotechnology is involved in high quality of research in niche areas like biotechnology, microbiology, immunology, virology and molecular biology.

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.

(Signature of First Party)



(Signature of Second Party)

Article 1. Scope

- 1.1 The objective of MoU is promotion of inter-institutional research collaboration, staff and students' training and postgraduate research in cutting edge areas by facilitating scientists, staff and students to seek specialized guidance and facilities of both the Institutes.
- 1.2 The Second party will recognize the First party as an Institute for conducting research related to the thesis requirement of the research students for **Master's (M.Sc Biotechnology and Microbiology & Immunology) and Doctorate (Ph.D)** The Second party will recognize Scientists of the ICAR Institute as recommended by its Director in accordance with the University rules and regulations for guiding students working for the said degree.
- 1.3 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.
- 1.4 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. However, the costs of specific consumables will be borne by the respective organizations.
- 1.5 There shall be an exchange of staff and 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 First party and the Vice-Chancellor/Head of the Institution of the 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. An advisory committee may be constituted for this purpose with the members from both the parties.
- 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 with mutual consent.

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 staff and 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 11th December 2012 or revised guidelines, if any, as may be issued from time to time.
- 4.5 The student would invariably be the senior author for the publications arising out of the research work conducted at the AU/DU/Institutes, followed by name of Major Guide/Advisor and Co-Major Advisor/Co-Guide depending upon the contribution. The names of corresponding author/additional co-authors, depending upon their contribution in the research work, may be decided by mutual consent between the student and Major Guide/Co-Advisor.
- 4.6 The partnering institutions may ensure that the student submits at least one paper from Master's thesis and two papers from Ph.D. thesis before thesis submission in order to prevent students leaving the institute(s) without any research publication from the thesis.
- 4.7 A copy of the thesis/dissertation will be submitted to the First Party after the award of the degree by the Second party.
- 4.8 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.
- 4.9 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.10 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.
- 4.11 The partnering institute(s) would be expected to make reasonable contribution in the form of intellectual input to the student's research problem and may not merely serve as a source of providing samples/facilities for the study.
- 4.15 The efforts will be made for conservation of animal cultures (bacteria, viruses or fungi) isolated in the study by deposition to the National Centre for Veterinary Type Cultures.

Article 5. Intellectual Property Rights



