Memorandum of Understanding

Between



Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana

And



INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE, UTTARAKHAND, INDIA

MEMORANDUM OF UNDERSTANDING

BETWEEN

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE, UTTARAKHAND, INDIA

AND

LALA LAJPAT RAI UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, HISAR, HARYANA, INDIA

1. THE AGREEMENT

The <u>AGREEMENT</u> is made and entered into on **1** Struly., **202** between INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE (IITR, Roorkee), an autonomous institute of MHRD, Govt. of India and LALA LAJPAT RAI UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, HISAR (LUVAS, Hisar), an autonomous university of Veterinary and Animal Sciences (Established on 1.12.2010 in pursuance of the Haryana Act No. 7 of 2010 notified on 7.04.2010), having its main campus at Hisar-125004 (Haryana).

2. PREAMBLE

- 2.1 WHEREAS LUVAS, Hisar has developed as a unique facility for research in the areas of Veterinary and Animal Sciences and has eminent faculty.
- 2.2 WHEREAS IITR, Roorkee has developed a unique facility for research in differenet areas of Science and Technology like different branches of Engineering, Biotechnology, Food Science & Technology, Environmental Sciences, Chemistry, Physics, Computer Sciences etc. and has eminent faculty.
- 2.3 AND WHEREAS the IITR, Roorkee and the LUVAS, Hisar, India agree to extend mutual co-operation on terms and conditions hereinafter contained for;
- 2.3.1 Joint research activities in the form of submission of joint research proposal(s), publication of papers and patent(s).
- 2.3.2 Exchange of academic and research materials
- 2.3.3 Exchange of research students linked to the research projects
- 2.3.4 The holding of joint workshops/ trainings related to research-oriented activities

3. SCOPE OF AGREEMENT

- 3.1 This Agreement details the modalities and the terms and conditions for academic/research co-operation between LUVAS, Hisar and IITR, Roorkee; the rights and obligations of either party there to and other arrangements between the parties.
- 3.2 The MoU shall come into force from the date of signing of this agreement (hereinafter called the effective date) and shall remain valid for 5 years or until superseded or cancelled.
- 3.3 This MoU will be applicable for faculty and PG/Ph.D. students of LUVAS, Hisar and IITR, Roorkee for academic and research work and vice versa.

Tilly

Manish DEAN (SRIC)

4. RESPONSIBILITIES OF LUVAS, HISAR AND IITR, ROORKEE

4.1 IITR, Roorkee shall recognize LUVAS, Hisar as an academic and research centre at par with the academic departments of IITR, Roorkee and faculty of LUVAS, Hisar at par with faculty of IITR, Roorkee for academic and research work and vice versa.

4.2 Both the collaborating Universities will provide opportunities to PG/Ph.D. students to conduct research in their laboratories. Time spent at LUVAS, Hisar/IITR, Roorkee by the PG/Ph.D students shall be counted for the purpose of determining residential requirement of IITR, Roorkee / LUVAS, Hisar. LUVAS students will be required to nominate a faculty member of IITR, Roorkee as Co-Major Advisor and IITR, Roorkee students will be required to nominate a faculty member of LUVAS as Co-major who will be signatory as Co-major in the synopsis and thesis. In addition, they will be required to complete PG/Ph.D. course work/ Pre Ph.D prescribed by LUVAS, Hisar / IITR, Roorkee.

4.3 The necessary chemicals/consumables, if required, shall be provided by the collaborating University subject to availability of funds without affecting the normal working of the respective departments. The cost and expenditure or Project contingencies will be shared by mutual consent. Major Advisor of PG student's will plan and arrange necessary funds for laboratories supplies before getting the students' synopsis approved.

4.4 The student shall submit a copy of his/her thesis to the LUVAS, Hisar/IITR, Roorkee Library.

4.5 The student shall be required to submit 'No Dues Certificates' from the department of Co-Major Advisor/Co-Supervisor before the University allows submission of thesis.

4.6 LUVAS, Hisar and IITR, Roorkee shall allow the Library and other facilities to be used by the faculty of collaborating University for academic activities by following University rules.

4.7 Postgraduate degree (PG/Ph.D.) will be awarded by IIT Roorkee/LUVAS, Hisar as per its own rules/regulations.

4.8 LUVAS, Hisar/IITR, Roorkee shall allow its infrastructure and facilities to be used by the students registered for PG/Ph.D. in IITR Roorkee/LUVAS, Hisar for his/her research activities, wherever faculty member of collaborating University is on the Advisory Committee of PG/Ph.D. student.

4.9 IITR, Roorkee/LUVAS, Hisar shall provide training/project work to PG and Ph.D students (maximum twenty students in one academic session and maximum of two students for one faculty member) of LUVAS, Hisar/IITR, Roorkee depending upon the available facilities.

4.10 The students will be allowed to utilize the scientific material and physical facilities of each other University with the approval of the Head of the concerned department as per University guidelines and it will not hinder the normal working/functioning of the University.

5. INTELLECTUAL PROPERTY

Intellectual property, Patents, research publications and benefits arising out of commercialization of technologies generated out of co-operation under this agreement shall be jointly owned by IITR, Roorkee and LUVAS, Hisar or as per guidelines of the funding agency on mutually agreeable terms. However, the initiator of idea will be the lead investigator and other will be co-investigator in the patent application.

6. RENEWAL, TERMINATION, AND AMENDMENT

This agreement shall remain in force for a period of five (5) years from the date of the last signature, with the understanding that it may be terminated by either party giving ninety (90) days written notice to the partner institution.

This agreement may be amended with the consent of the two institutions through a written addendum executed by authorized individuals of both institutions. Such agenda,

9/1/21

Marrich DEAN (SRIC) once approved by both institutions, will become part of this memorandum of agreement.

7. SETTLEMENT OF DISPUTE ETC.

The Parties could act strictly according to the provisions of law while implementing this MoU. In case there is any dispute regarding any matter arising from this agreement or from the interpretation of MoU, the matter/dispute will be settled through arbitration by referring it to two member committee jointly appointed by the Vice-Chancellor, LUVAS and Director IITR, Roorkee. However, it is understood and agreed that neither party shall be liable for any negligent or wrongful acts, either of commission or omission, chargeable to the other, unless such liability is imposed by law. This memorandum of agreement and all addenda shall not be construed as seeking to either enlarge or diminish any obligation or duty owed by one party to the other or to a third party.

The courts at Hisar/ Roorkee have jurisdiction to hear the matters/dispute which may arise under this MoU.

8. SEAL OF PARTIES

In witness whereof the Parties hereto have signed this Agreement on 01.07.202)

For and on behalf of LUVAS, Hisar

Dr. Praveen Goel Director of Research LUVAS, Hisar

Director Research LUVAS, Hisar

Signed by Witnesses

1. Dr. Nirmal Sangwan, Director, HRM

Director

Human Resource Management LUVAS, Hisar

2. Dr. Sandeep Gera,

Directo Director, IPVS Institute of Para Veterinary Science LUVAS Hisar (Haryana)

For and on behalf of IITR, Roorkee

Prof. Manish Shrikhande

Marish

Dean, SRIC office

IIT Rorkee, Roorkee, Uttarakhand

Dean Sponsored Research & Industrial Consultancy Indian Institute of Technology Roorkee Roorkee-247 667 (INDIA)

Signed by Witnesses

SRIL, 117 Roonkee

सहायक कुलसचिव (स्रिक प्रशासन) Assit Registrar (SRIC Admn.)

2. Laladhar, Path at a: 8apatt.

SRIC, ICTR