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## MEMORANDUM OF UNDERSTANDING

### FOR COLLABORATION IN POSTGRADUATE TRAINING AND RESEARCH

BETWEEN

**ICAR-NRCE, HISAR and RAJUVAS, BIKANER**

The National Research Centre on Equines (NRCE), Hisar of the Indian Council of Agricultural Research (ICAR) and the Rajasthan University of Veterinary & Animal Sciences (RAJUVAS), Bikaner are amongst the premier research institutions in northern India. These organisations undertake teaching, research and extension as per their respective mandates aimed at overall increase in Indian economy by developing scientific technologies in various fields including livestock sector. The two organisations are engaged in improving rural economy in order to uplift living standards of the population through developing improved scientific practices.

In order to promote quality research, teaching and training in cutting edge areas by facilitating to faculty and research students of both the institutes to address respective research and academic priorities through cooperation and collaboration for achieving the common goals mandated to the two organisations, this Memorandum of Understanding (MoU) is being implemented between the University (Rajasthan University of Veterinary & Animal Sciences, Bikaner)

and

The ICAR-NRCE (National Research Centre on Equines, Hisar), with the following terms and conditions, applicable to both the University and the NRCE. This MoU is for research and training of a Post-graduate student, registered with the University and undertaking research work at NRCE under this MoU, hereinafter referred as the *Student*.

#### TERMS AND CONDITIONS

- (1.) The University shall make admissions to its Master's and Doctoral degree programmes as per its policy. It shall be responsible for realization of all fees and dues from the student, disbursement of scholarships and maintenance of all records pertaining to the degree requirements.
- (2.) NRCE and the University 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.





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- (3.) All disciplines, to which admissions are made in the post-graduate programme (M.Sc./M.V.Sc. / Ph.D.) by the *University*, shall be open for collaboration under the MoU, provided the proposed research aspect is covered in the mandate of the *NRCE*.
- (4.) *NRCE* scientists/officers pursuing their Masters/Ph.D. degrees from the *University* if any may be allowed to do their research work at *NRCE* after completing their course work at *University*.
- (5.) The *Student* shall complete the course work in the *University*, as per decided academic programme.
- (6.) Name of *NRCE* scientists should be included in the list of post-graduate faculty as eligible Co-Advisor in their respective disciplines and they may be considered for allotment of PG students as per allotment policy with consent of *NRCE* scientist who in turn would obtain prior approval of Director, *NRCE*.
- (7.) If Major Advisor is from the *University* and intends to get part of student's research work done at *NRCE*, then *NRCE* scientist to be included in advisory Committee of the student as Co- Advisor.
- (8.) The total number of students allocated to the Co Advisor from *NRCE* normally may not exceed two at a given time, irrespective of the nature of degree programme (Master's or Doctoral). However, Director *NRCE/VC* of *University* may decide and take final decision in this regard based on the requirement, available manpower and research infrastructure as case to case basis.
- (9.) The collaborating *NRCE* scientist shall be having PhD qualifications and fulfilling other *University* requirements for guidance of Master's and Doctoral research students.
- (10.) If a student registered with *University* intends to carry out the research work at *NRCE*, *NRCE* shall make available its infrastructure and research facilities for the research work of the student and will not charge any fee from the *University /student*, except the hostel accommodation charges, etc. However, if a student registers with *University* after qualifying through competitive mode of ICAR's All India Entrance Examination for Admission to Master's/PhD and is awarded fellowship for pursuing Master's or Doctoral degree programme by any sponsoring institution [e.g. ICAR-JRF(PGS)/ICAR-SRF(PGS)/CSIR-UGC-JRF/CSIRSRF], the contingency grant awarded to the student may be transferred to *NRCE* where major part of the research work would be carried out and regulated by the provisions contained in the guidelines





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of sponsoring institution. In case specific costly supplies are required exclusively for the PG research work, the same shall be provided by the university.

- (11.) The *Student* shall complete the research credit load requirements as per university rules.
- (12.) The *Student* shall make an additional copy of his thesis and submit to the *NRCE* library.
- (13.) The *Student* shall be required to submit 'No Dues Certificate' from the *NRCE*, before the *University* allows submission of thesis/finally awards degree to the *Student*.
- (14.) All publications emerging out of the collaborative work of the *Student* shall be with consent of *NRCE* scientist. In case part of research work is done at *NRCE*, authorship will be decided by mutual consent between the student, Major Guide/Advisor and Co-Major Advisor/Co-Guide/*NRCE* scientist.
- (15.) The *University* and *NRCE* shall 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.
- (16.) RAs/SRFs who have completed their course work and are working under different research projects in *NRCE* may be permitted to join a degree programme with *University*. However, PI of the project with the approval of Director, *NRCE* may have to issue a certificate that the regular research work of the project will not be hampered on account of joining of RA/SRF for the degree programme. The RA/SRF will not avail leave for completing the research work for the degree.
- (17.) The student and his guide will be expected to protect the Intellectual Property Rights generated or likely to be generated during his/her research work. The IPRs shall rest with the *NRCE/ University* where the major part of the research work was carried out by the student. In the event of equal amount of work being carried out at both the *University* and *NRCE*, patents/ protections/ knowledge generated will be shared in proportion as per the 'ICAR Guidelines for Intellectual Property Management and Technology Transfer/Commercialization' as amended from time to time.
- (18.) Collaborations between *NRCE* and *University* for mutual benefit in research, teaching and training may be encouraged. For this, the faculty of *NRCE* and *University* may



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collaborate in research programme and trainings within their mandated areas with prior approval from the Competent Authorities of both Institutes.

## TERMINATION OF AGREEMENT

The MoU shall be effective from the date of its signing by both the Parties and shall remain in operation until either Party serves notice to the other for its intention to terminate it. In such events, the MoU shall stand terminated at the end of one calendar month from date of issue of such notice. In case both the Parties agree to terminate the MoU. However, the on-going thesis or research work in progress will be completed.

## AMENDMENTS TO THE AGREEMENT

The Parties to this MoU may, by mutual consent, add, modify, amend or delete any word, phrase, sentence or article in this MOU at any time during the operation of MOU.

Signed and executed on this, the 4th day of July of the year 2020.

  
(YASHPAL SHARMA)

**Director**

National Research Centre on  
निदेशक Equines, Hisar

Director

भाकृअनुप राष्ट्रीय अश्व अनुसंधान केन्द्र

ICAR National Research Centre on Equines

सिरसा रोड, हिसार-125001 (हरि.)

Sirsa Road, HISAR-125001 (Hry.)

  
(VISHNU SHARMA)

**Vice Chancellor**


Rajasthan University of  
Veterinary & Animal  
Sciences, Bikaner

Vice-Chancellor

Rajasthan University of  
Veterinary & Animal Sciences  
Bikaner (Raj.)

Witness

1. Dr Anjan Chahal   
DPM  
RASUVAS, Bikaner  
4/07/2020

2.   
04.07.2020  
Rajendra Kumar  
Pr. Scientist  
ICAR-NRCE, Hisar