



भा.कृ.अनु.प.-केंद्रीय कटाई उपरांत अभियांत्रिकी एवं प्रौद्योगिकी संस्थान

हम्बडा रोड, पी.ए.यू., लुधियाना - 141 004, पंजाब (भारत)

ICAR-Central Institute of Post-Harvest Engineering & Technology  
Hambran Road, PAU, Ludhiana-141 004, Punjab (India)



डॉ. रेणु बालाकृष्णन

प्रभारी, पी.एम.ई. प्रकोष्ठ

Dr. Renu Balakrishnan

OIC, PME Cell

F. No.2(9)/2019 – PME Cell (9b2)/2443

Date: 12.08.2022

Speed Post

To

**Prof. Karam Husain**

Director, AES

Chandra Shekhar Azad University of Agriculture & Technology

Kanpur – 208 002 (Uttar Pradesh)

**Sub: Original signed one copy of MoU between ICAR-CIPHET, Ludhiana and CSAUA&T, Kanpur regarding Seeking Collaboration for Academic cooperation (Student training & visit/ Postgraduate Research/ Doctoral Research/ Capacity building) of students. reg.**

Respected Sir,

This is with reference to your letter Ref. No. 423/DR/2022 dated 26.07.2022 regarding the subject mentioned above. Kindly find attached herewith one original copy of Memorandum of Understanding between ICAR- Central Institute of Post-Harvest Engineering and Technology (ICAR-CIPHET), Ludhiana, Punjab and Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, Uttar Pradesh duly signed by the Competent Authority of ICAR-CIPHET, Ludhiana.

This is sent for your kind information and record please.

Yours sincerely,

(Renu Balakrishnan)

**Encls:** Original signed copy of MoU

**Copy to:** PS to Director, for his kind information please

B/C

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ट्विटर/Twitter : twitter.com/icarcipheth



# MEMORANDUM OF UNDERSTANDING

*Between*



भारत  
ICAR



भारत-अनुप-सीफेट  
ICAR-CIPHET

ICAR-Central Institute of Post-Harvest  
Engineering and Technology, (ICAR-CIPHET),  
Ludhiana, Punjab

&



Chandra Shekhar Azad University of Agriculture  
and Technology, Kanpur, Uttar Pradesh

*15<sup>th</sup> June, 2022*

# MEMORANDUM OF UNDERSTANDING

Between

**ICAR-Central Institute of Post-Harvest Engineering and Technology (ICAR-CIPHET),  
Ludhiana, Punjab**

&

**Chandra Shekhar Azad University of Agriculture & Technology, Kanpur,  
Uttar Pradesh**

This Memorandum of Understanding (hereinafter referred to as 'MoU') is made on this 15<sup>th</sup> day of the month of June in the year 2022 by and between the **Central Institute of Post-Harvest Engineering and Technology (CIPHET)** of Indian Council of Agricultural Research (ICAR), New Delhi 110 001 with its headquarter at Ludhiana [hereinafter called **ICAR-CIPHET, Ludhiana/First party**], of **THE FIRST PART** and the **Chandra Shekhar Azad University Of Agriculture & Technology, Kanpur** [hereinafter called **CSAUK/Second party**] of **THE OTHER PART**. The parties wish to establish a friendly relationship to promote and accelerate the programmes of academic cooperation, students training, exposure visits, post-graduate, and doctoral research. The parties have decided to enter into long-term collaboration in accordance with the provisions contained in the ICAR Guidelines vide Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 or as amended time to time.

Whereas the '**First Party**' is a nodal institute under the umbrella of ICAR to undertake lead research in the area of the post-harvest engineering and technology appropriate to agricultural production catchment and agro-industries. The institute is also engaged in human resource and entrepreneurship development related to post-harvest operations performed on-farm as well as off-farm to minimize the post-harvest losses and empower the rural community with additional income. The Institute has strong multidisciplinary scientific base with sufficient expertise in engineering and allied technology for carrying out research, providing technical services and knowledge services and generating relevant information for national level policies on post-harvest agriculture sector. There are two campuses of the institute, one at Ludhiana, Punjab and the other at Abohar, Punjab.

Whereas the '**Second Party**', is a premier institution of agricultural research and education in India, established as Chandra Shekhar Azad University of Agriculture & Technology in 1975, undertakes field and extension programmes, makes provision for the education of rural people of Uttar Pradesh in different branches of agriculture, including rural industry and business other allied subjects and furthering the prosecution of research in agriculture and allied sciences.

## Article 1a: Scope (General)

The Parties, hereby, agree to promote the development of cooperation with their responsibilities as under:

- i) There shall be an exchange of students for academic, research and training purposes. Accommodation in the Hostel shall be arranged, wherever possible, as per extant rates,

  
(Signature of First Party)

  
(Signature of Second Party)

which shall be borne by the second party/ students themselves. The duration of exchange visits will be determined by mutual consent between both the parties.

- ii) All disciplines to which admission are made in the post-graduate programme by the second party shall be open for collaboration under this MoU, to which the research aspect proposed to be covered in the mandate of the first party.
- iii) Research instrumentation facility and other needed available facilities with both the parties must be made available for the research works. However, the costs of specific consumables will be borne by the respective organizations.

#### **Article 1b: Scope (Research specific)**

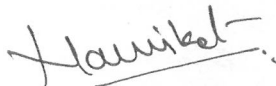
- i) The Second party will recognize Scientists of the first party as recommended by its Director in accordance with the second party rules and regulations for guiding students.
- ii) Major Advisor shall be from second party, as per their guidelines. If student wish to conduct research at first party, then a Co-guide shall be from first party, for scientific guidance, laboratory and other facilities for research.
- iii) If the PG student research requires major collaborative input from the first party in terms of scientific guidance, laboratory facility, and field facilities for research, the major guide/additional major guide shall be from first party.
- iv) The Co-guide/Major guide/ additional major guide from first party shall be fulfilling the second party requirements for guiding post-Graduate students/ Doctoral scholars.
- v) The first party scientists pursuing their Ph.D. degrees, if any in these two parties; after completing their Ph.D. course work may be allowed to do their research work at the institute where they are posted.
- vi) The post-graduate/ doctoral research will be planned in common research programmes and/or projects restricted to mandates of the first party.
- vii) Based upon the research work carried out at first party if the PG student applies for any fellowship and the same is awarded and there is some provision of faculty exchange. The priority will be given to the faculty of the institute where a major part of the research work has been carried out.

#### **Article 2. Management**

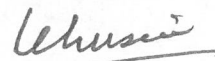
- 2.1 Director of the First party and the Vice-Chancellor of the Second party will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MoU.

#### **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 pursuant to this MoU.
- 3.2 Each party in joint projects shall be given the right to use, disclose, publish or disseminate information for any and all purposes with mutual consent except the IPR terms mentioned in this MoU.
- 3.3 Any new developed technology will be taken up for commercialization or adoption under the supervision of Director, first party (in case major work is done at first party)



(Signature of First Party)



(Signature of Second Party)



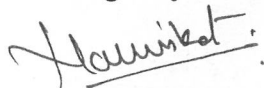
and Vice-Chancellor or concerned authority nominated (in case major work is done at second party) with assistance/ cooperation of both the parties.

#### Article 4. General Provisions

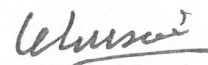
- 4.1 It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate based on race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose 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. Shall comply with the regulations and policies of the First party and the Second party.
- 4.3 If, any disagreements at the operating level of this MoU period 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.

#### Article 5. Admission and Fees

- 5.1 All those who wish to register as trainees or for Master/Doctoral programme under this MoU must have admission at the Second party. The allocation of Major Guide/Co-guide/ Additional Major Guide/Advisor/Chairman/Co-chairman would be governed by the guidelines of the second party and association of first party governs as per ICAR guidelines.
- 5.2 The number of student(s) at any particular time will be subjected to the availability of research facilities and scientists' time to guide thesis research at the first party.
- 5.3 Admission, Course work and the award of degrees will be the responsibility of the Second party. The student shall complete the course work in the second party, as per approved academic programme and research work shall be decided in consultation with the Major Guide/Co-guide/Additional Major Guide at first party. Based on that, the research may be carried at first party place.
- 5.4 If, a student registered with second party intends to carry out the research work at first party, latter may not charge any fee from the registering institution/student, except the hostel accommodation charges. This fee exemption is applicable within NARS only. This provision will be governed as per the Letter No. 2-8/2012-HRD dated 25.04.2014 "guidelines for the students to conduct research for their programmes as trainees at ICAR institutions" amended from time to time.
- 5.5 If, a student registers with second party by qualifying through competitive mode of ICAR's All India Entrance Examination for Admission to Master's /Ph.D. and is awarded fellowship for pursuing Master's or Doctoral degree programme by any sponsoring institution [e.g. ICAR-JRF/ ICAR-SRF/ CSIR-UGC-JRF/ CSIR-SRF, etc], the contingency grant awarded to the student may be transferred to the institution where major part of the research work would be carried out and regulated by the provisions contained in the guidelines of sponsoring institution.
- 5.6 Students of second party visiting the first party apart from the research works, will not charge any fee except hostel accommodation charges.



(Signature of First Party)



(Signature of Second Party)

- 5.7 The respective institutes will bear the expenses of TA/DA of the Teachers/Scientists visiting Ludhiana/Kanpur or any other place and the students will bear their own expenses.
- 5.8 The research student shall be required to submit 'No Dues Certificate' from Major Guide/Co-guide/ Additional Major Guide of first party before the submission of thesis.
- 5.9 A copy of the thesis/dissertation will be provided to the First Party after the award of the degree by the Second party.
- 5.10 Any student(s) admitted to the First party for training/postgraduate research, if found violating the rules and regulations laid down by the First party or indulge in such activities that amount to tarnishing the image of the Institute, or cause damage to the property, the registration of such student(s) would be summarily terminated. The Second party will not complete the formalities of issuing the certificates to such students until they compensate the losses to the First party.

#### **Article 6. Publications**

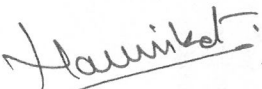
- 6.1 The student would invariably be the senior/ first author for any kind of publications arising out of the research work conducted at both the parties followed by Major Guide/Co-guide/ Additional Major Guide. The names of additional co-authors, depending upon their contribution in the research work, may be decided by mutual consent between the student and Major Guide/Co-guide/ Additional Major Guide. However, due credit shall be given to the authors in each publication arising out of the research work.

#### **Article 7. Intellectual Property Rights**

- 7.1 The student will be expected to protect the Intellectual Property Rights (IPR) generated or likely to be generated during his/her research work. Intellectual property and benefits arising out of commercialization of technologies generated out of co-operation under this agreement shall be jointly shared by both the parties.
- 7.2 The Second party shall ensure protection of the IPR generated or likely to be generated during the student's research work.
- 7.3 In filing of IPR, the ICAR as the first applicant (for its institute) and the Second party shall be the joint applicants for IPRs and the students and involved scientific staff shall be included as the inventor/ breeder/author. The ICAR Guidelines for Intellectual Property Management and Technology Transfer/Commercialization' as amended from time to time shall be the reference for exploitation of the generated intellectual property, whose management and benefits sharing shall be mutually decided in each case.
- 7.4 Both the parties shall maintain the confidentiality of the research work, its techniques, and prominent outputs during the research operation time.

#### **Article 8. Entry into effect, modification, and termination**

- 8.1 The MoU shall be effective from the date of its signing by both the parties and shall remain in operation for ten years. After completing the duration, based on the mutual consent from both the parties the MoU shall be renewed/ updated. In any case the

  
(Signature of First Party)

  
(Signature of Second Party)

parties wish to terminate, then notification must be given to the other party at least six months in advance from the effective date of termination.

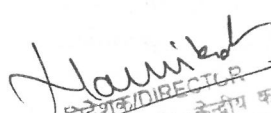

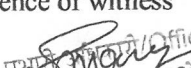
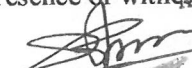

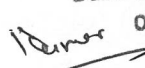
- 8.2 The parties to this MoU may, by mutual consent, add, modify, amend or delete any word, phrase, sentence, or article in this MoU at any time during the operation of MoU. Based on the modifications wish to done, the written MoU shall be revised, verbal amendments will not considered.
- 8.3 The termination of this MoU shall not affect the validity or duration of specific collaborative programmes already being undertaken thereunder, unless decided otherwise by the parties by mutual consent.
- 8.4 All joint activities not completed at the expiration or termination of the MoU may be continued until their completion under the terms of this MoU.

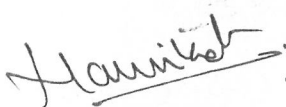
#### Article 9. Governing Law/ Arbitration

- 9.1 The parties would act strictly according to the relevant provisions of law while implementing this MoU. In case of any dispute that may crop up during execution of MoU, the matter would be settled through arbitration by referring it to a committee appointed by the mutual decisions of Director, ICAR-CIPHET and Chancellor, CSAUK.

This MoU has been executed in two originals, one of which has been retained by the First party and the other by the Second party.

IN WITNESS WHEREOF, the two Parties hereunto signed this Memorandum of Understanding and agreed to all the terms on the dates indicated below:

SIGNED and DELIVERED by the	SIGNED and DELIVERED by the
 For and on behalf of ICAR-CIPHET, Ludhiana (First party)	 For and on behalf of CSAUK, Kanpur (Second party)
In the presence of witness 1.  Officer Incharge Prioritization, Monitoring & Evaluation Cell मोफेट, लुधियाना - १४१ ००४ CIPHET, Ludhiana - 141004.	In the presence of witness 1.  DEAN Baba Sahab Dr. B.R. Ambedkar College of Ag. Engg. & Tech. Etawah
 In Charge ITMU CIPHET PO: PAU Ludhiana-141004.	 Officer-In-Charge Department of Agril. Engg. Dr. B.R.A. College of Agril. Engg. & Tec Etawah (U.P.)

  
 (Signature of First Party)

  
 (Signature of Second Party)