



भा. कृ. अनु. प. - खुम्ब अनुसंधान निदेशालय  
(भारतीय कृषि अनुसंधान परिषद)

ICAR-DIRECTORATE OF MUSHROOM RESEARCH  
(Indian Council of Agricultural Research)  
CHAMBAGHAT, SOLAN (HP) - 173 213



डॉ. बी.एल. अत्री  
प्रधान वैज्ञानिक/  
अध्यक्ष पीएमई सैल

पंजीकृत पत्र

फा.सं.पीएमई / एमओयू / 2019-20 / 7077

दिनांक: 25 जनवरी, 2020

सेवा में,

डॉ. मुनरुची कौर / Dr. Munruchi Kaur,  
प्रोफेसर व हैड / Professor & Head,  
पंजाबी विश्वविद्यालय / Punjabi University,  
बॉटनी विभाग / Department of Botany,  
पटियाला (पंजाब) - 147002  
Patiala (Punjab) - 147002.

विषय: पंजाबी विश्वविद्यालय, पटियाला के पोस्ट ग्रेजुएट और पीएचडी के छात्रों/छात्राओं  
द्वारा भाकृअनुप-खुम्ब अनुसंधान निदेशालय, सोलन में थीसिस अनुसंधान कार्य करने के संदर्भ  
में। Attachment of PG and Ph.D. Students of Punjabi University, Patiala for thesis  
research work at ICAR-DMR, Solan (H.P.) - reg.

महोदय,

उपर्युक्त विषय पर अपने पत्र संख्या:2237/बॉटनी दिनांक 03.01.2020 का आवलोकन करें  
जिसके द्वारा आपने समझौते के ज्ञापन की तीन तीन प्रतियां हस्ताक्षरित कर इस निदेशालय को भेजी  
थी। इस संदर्भ में समझौते के ज्ञापन पर निदेशालय के निदेशक महोदय द्वारा शैक्षणिक सहयोग के  
लिए समझौते के ज्ञापन पर हस्ताक्षरित एक प्रति आपको आगामी कार्यवाई हेतु भेजी जा रही है।

Kindly refer to your letter No.2237/Bot. dated 03.01.2020 on the subject cited  
above vide which you had sent three copies. In this regard, I am enclosing herewith a  
copy of Memorandum of Understanding for Academic Collaboration duly signed by  
Director of this Directorate for further necessary action at your end please.

भवदीय,

(बी.एल. अत्री)

संलग्न: उपर्युक्त।

Telephone: (O)01792 230451, 230541, 230767 Fax:01792-231207

E.mail: [director.mushroom@icar.gov.in](mailto:director.mushroom@icar.gov.in), [pme.mushroom@gmail.com](mailto:pme.mushroom@gmail.com) Website: [www.nrcmushroom.org](http://www.nrcmushroom.org)

“भारतीय भाषाएं हमारी शान, हिंदी से है देश का मान”



# **MEMORANDUM OF UNDERSTANDING**

## **BETWEEN**

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**Punjabi University, Patiala-147 002, Punjab  
(Established under Punjab Act No. 35 of 1961)**

**and**

**ICAR-Directorate of Mushroom Research, Chambaghat, Solan-  
173213, Himachal Pradesh**

### **PREAMBLE**

This Memorandum of Understanding between Punjabi University, Patiala with its headquarter at Patiala as 1<sup>st</sup> party and the ICAR-Directorate of Mushroom Research (hereinafter referred to as ICAR-DMR) with its headquarter at Solan as the 2<sup>nd</sup> Party. Whereas the Parties which wish to establish a friendly relationship to promote and accelerate the programmes of academic cooperation in the areas of mutual concern, have decided to enter into this MoU and agree, hereby as per articles given below:

### **ARTICLE -I**

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

- i) All disciplines to which admission are made in the post-graduate programme by the Punjabi University, Patiala shall be open for collaboration under the MoU provided the proposed research aspect is covered in the mandate of the ICAR-DMR.
- ii) Major Advisor shall be from Punjabi University, Patiala. The number of students allocated to the Major Advisor normally may not exceed two at a given time, irrespective of the nature of degree programme (Master's or Doctoral). However, Punjabi University, Patiala may decide and take final decision in this regard based on the requirement, available manpower and research infrastructure.
- iii) The ICAR-DMR 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.
- iv) If the PG students research requires major collaborative inputs from the ICAR-DMR, in terms of scientific guidance, laboratory facility and field facilities for research, the Co-guide shall be from ICAR-DMR.
- v) The students shall complete the course work in the Punjabi University, Patiala, as per approved academic programme.
- vi) For PG students working at ICAR-DMR, research work shall be decided in consultation with the Co-guide at ICAR-DMR. The necessary costly chemicals/consumables, if required, shall be provided by the Institute where the research is being carried out.



- vii) The Co-guide from ICAR-DMR shall be having Ph.D. qualification and fulfilling other Punjabi University, Patiala requirements for guidance Post-Guidance research students.
- viii) The ICAR scientists pursuing their Ph.D. degrees after completing their Ph.D. course work at Punjabi University, Patiala may be allowed to do their research work at the Institute where they are posted, in view of shortage of scientists/facility.
- ix) If a student registered with Punjabi University, Patiala intends to carry out the research work at ICAR-DMR, latter may not charge any fee from the registering Institution/students, except the hostel accommodation charges, etc. However, if a student registers with Punjabi University, Patiala after 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], 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.
- x) The students will complete the research credit hours as per the rules of the Punjabi University, Patiala. At the end of each semester involving collaborative research work, the major advisor shall send the student's research progress report in consultation with the Co-guide from the ICAR-DMR.
- xi) The student shall be required to submit 'No Dues Certificate' from the Co-guide from ICAR-DMR before the submission of thesis.
- xii) The student shall submit a copy of his/her thesis to the ICAR-DMR Library.

#### ARTICLE-II

- i) The student would invariably be the senior author for the publications arising out of the research work conducted at Punjabi University, Patiala /ICAR-DMR followed by Major Advisor/Co-Guide in that order depending upon the contribution. 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 Advisory/Co-Guide.
- ii) Both the parties may ensure that for the students admitted in the year 2019-2020 & onward for submission of Ph.D. thesis one research paper should have been accepted/presented in national/international/symposium/conference/seminar or one patent submitted/filed in lieu of the research publication out of the thesis work.

#### ARTICLE-III

The student will be expected to protect the Intellectual Property Rights generated 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 his agreement shall be jointly shared by Punjabi University, Patiala and ICAR-DMR.

#### ARTICLE-IV

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.



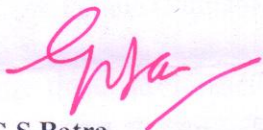
#### ARTICLE-V

The MoU shall be effective from the date of its signing by both the parties and shall remain in operation for ten years or until either party serves notice on the other of its intention to terminate it, in which event; the MoU shall stand terminated at the end of one calendar month from the date of issue of such a notice.


#### ARTICLE-VI

The parties would act strictly accordingly 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 Vice-Chancellor Punjabi University, Patiala.

IN WITNESS, where off, the two Parties hereunder signed this Memorandum of Understanding on the dates indicated below:



Dr. G.S. Batra  
Dean Academic Affairs  
Punjabi University, Patiala-147 002



Dr. V. P. Sharma  
Director, ICAR-DMR

Date:

30.12.19

Place:

Date:

16/01/2020

Place:

Delhi