



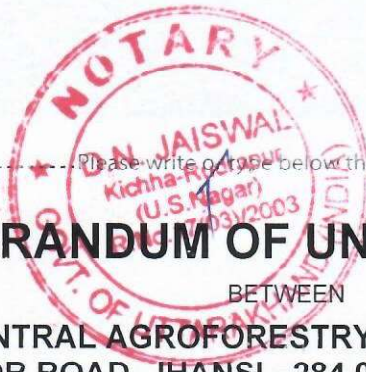
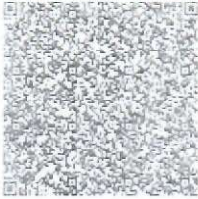
सत्यमेव जयते

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**MEMORANDUM OF UNDERSTANDING**

BETWEEN

**ICAR - CENTRAL AGROFORESTRY RESEARCH INSTITUTE  
Gwalior Road, Jhansi - 284 003 (U.P.), India**

AND

**G B PANT UNIVERSITY OF AGRICULTURE AND TECHNOLOGY,  
PANTNAGAR**

**TO PROMOTE ACADEMIC AND RESEARCH CO-OPERATION**

*J. Rastogi*  
JEAN. P.G.S.

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निदेशक / Director  
 के.कृ.वा.अनु. संस्थान, झाँसी (उ.प्र.)  
 C.A.F.R.I. JHANSI (U.P.)




This Memorandum of Understanding (MOU) is between ICAR - Central Agroforestry Research Institute (ICAR-CAFRI) an Institute of Indian Council of Agricultural Research (ICAR) represented by the Director, ICAR-CAFRI, Jhansi and represented in this MOU by the Director, hereinafter referred to as ICAR-CAFRI and G.B. Pant University of Agriculture and Technology, Pantnagar-263 145, India and representative in this MOU by its Dean, Post Graduate Studies, hereinafter referred to as "GBPUAT".

WHEREAS, G.B. Pant University of Agriculture and Technology was established with its headquarters at Pantnagar through an act of legislation, UP Act XI-V of 1958 as U.P. Agricultural University. The Act was later amended under U P Universities Re-enactment and Amendment Act 1972 and the University was rechristened as Govind Ballabh Pant University of Agriculture and Technology. G.B. Pant University of Agriculture and Technology, Pantnagar is mandated to teaching, research and extension in the areas of Agriculture, Community Science (earlier Home Science), Veterinary & Animal Sciences, Fisheries Sciences, Engineering and Agri-Business Management, with its jurisdiction throughout the state of Uttarakhand. University is the only one of its kind in Uttarakhand and has well equipped as well as staffed units elsewhere in the State as Krishi Vigyan Kendras and Research Stations.

ICAR-Central Agroforestry Research Institute (ICAR-CAFRI), formerly the National Research Centre on Agroforestry, is a multidisciplinary premier research institute of Indian Council of Agricultural Research (ICAR) located at Gwalior Road, Jhansi, Uttar Pradesh. The Institute was established in 1988 with a mission to improve quality of life of rural people through integration of perennials on agriculture landscape for economic, environmental and social benefits. The Institute works with a vision of "Integration of woody perennials in the farming system to improve land productivity through conservation of soils, nutrients and biodiversity to augment natural resource conservation, restoration of ecological balance, alleviation of poverty and to mitigate risks of weather vagaries". The Institute is mandated to develop sustainable agroforestry practices for farms, marginal land and wastelands in different agroclimatic zones of India; Coordinate network research for identifying agroforestry technologies for inter-region; Training in agroforestry research for ecosystem analysis and Transfer of agroforestry technology in various agroclimatic zones. CAFRI has developed robust agroforestry models and package of practices for different agro-climatic conditions covering small and marginal farmers.

WHEREAS, the GBPUAT and ICAR-CAFRI have mutual interest in fostering further collaboration among Indian institutes and ICAR-CAFRI and agree that there is a need to renew its MOU under which detailed work plans can be developed and implemented;

  
GBPUAT  
DEAN, P.G.S.

  
निदेशक/Director  
के.के.वा.अनु. संस्थान, झाँसी (उ.प्र.)  
ICAR-CAFRI, JHANSI (U.P.)



NOW THEREFORE, GBPUAT and ICAR-CAFRI, inspired by their common objectives to further promote and accelerate research on Hill Agriculture and hill-based farming system in the above disciplines of Uttarakhand and, have entered to this MOU under the terms and conditions set forth in the following articles:

### **Article-I** **AREAS OF COLLABORATION**

In order to further develop the partnership between GBPUAT and ICAR-CAFRI, the two parties have agreed in principle to (a) collaborate in M.Sc./Ph.D. thesis research on disciplines related to Plant Breeding, Genetics, Soil Science, Agronomy, Biotechnology, Microbiology, Biochemistry, Soil and Water Conservation Engineering, Farm Machinery and Power Engineering, Agricultural Extension, Plant Pathology, Entomology and hill-based farming systems to be undertaken at CAFRI by post graduate students who have completed their course work at GBPUAT, (b) undertake collaborative M.Sc./Ph.D. thesis research activities in other areas of mutual interest to both GBPUAT and ICAR-CAFRI, and (c) cooperate in other means for exchanging scientific knowledge and information, such as co-publication of thesis research;

The scale of collaboration between GBPUAT and ICAR-CAFRI will be determined from time to time by joint evaluation of GBPUAT's and ICAR-CAFRI's needs and interest in collaboration, capacity and implementation of the joint program.

It is understood that specific GBPUAT and ICAR-CAFRI collaborative projects for implementation under this MOU will be defined in the work plan developed and approved in accordance with Article V hereof.

### **Article-II** **RESPONSIBILITIES OF EACH PARTY**

#### **ICAR-CAFRI:**

Within the work plan agreed upon by both parties and subject to available resources and as mutually agreed upon, CAFRI will:

1. Bear the costs and expenses (related to research only) to be incurred in the conduct of the M.Sc./Ph.D. thesis research by the ICAR-CAFRI- accepted students from GBPUAT;

#### **GBPUAT:**

Within the work plan agreed upon by both parties and subject to personnel and budgetary limitations, GBPUAT will:

1. Ensure that all joint research and/or training activities related to this MOU are properly recorded with the ICAR-CAFRI based at the ICAR-CAFRI. It is also expected that ICAR, which has been the focal contact point of ICAR-CAFRI is properly notified of the collaborative activities.

GBPUAT  
JEAN, P.G.S.

निदेशक/Director  
ICAR-CAFRI  
क.क.प.अ.उ. संस्थान, झांसी (उ.)  
C.A.F.R.I., JHANSI (U)

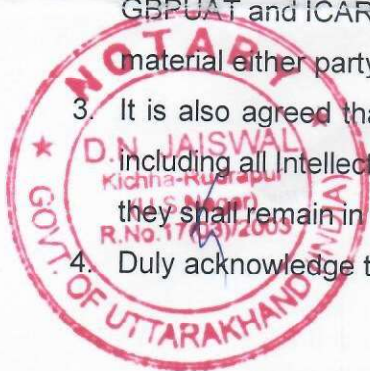


### Article-III

## OWNERSHIP AND PUBLICATION OF RESULTS OF COOPERATIVE RESEARCH

Both parties agree that:


1. Results of collaborative research will be jointly published in the public interest as mutually agreed upon;
2. Subject to execution of Material Transfer Agreements (MTAs) and biosafety rules and regulation, between materials, germplasm, etc. will be freely exchanged between GBPUAT and ICAR-CAFRI vice-versa and with due recognition of the sources of the seed material either party may use materials but will give full credit to its source of origin;
3. It is also agreed that all outcomes of GBPUAT and ICAR-CAFRI joint research activities including all Intellectual Property Right (IPR) shall be jointly owned by both parties. As such, they shall remain in the public domain and shall be available to ICAR-CAFRI and GBPUAT.
4. Duly acknowledge the contribution made by both parties.



### Article IV

## TERMS AND CONDITIONS

1. GBPUAT will nominate ICAR-CAFRI M.Sc./Ph.D. candidates who will conduct their thesis research at ICAR-CAFRI or both at ICAR-CAFRI and GBPUAT to build-up their capabilities in hill-based farming systems research. The candidates shall be recommended to ICAR-CAFRI at least 3 months before they have completed their course work of GBPUAT. Those students to be recommended shall be from universities and state or central agricultural research systems;
2. ICAR-CAFRI scientist will be designated as **Co-Chairman/Co-Guide/Member** of scholar's Advisory Committee in consultation with Director, ICAR-CAFRI, Jhansi;
3. The student's Advisory Committee will meet in GBPUAT at least once to discuss the research proposal. The ICAR-CAFRI scientist will plan to attend this meeting, if possible or meeting can be conducted in virtual mode also. The chairman of the student's advisory Committee at GBPUAT can visit once to ICAR-CAFRI to review ongoing thesis research of his/her student. Travel and other expenses related to these visits will be borne by respective institutions;
4. Laboratory, Field and Library facilities available with GBPUAT and ICAR-CAFRI can be shared for research work.
5. Wherever required ICAR-CAFRI shall arrange hostel/guest house accommodation for research scholars during their research work at normal rates.
6. GBPUAT will confer the degree;

  
GBPUAT  
JEAN. P.G.S


  
Director  
ICAR-CAFRI  
के.कृ.वा.अनु. केंद्र (उप्र.)  
C.A.F.R.I., JHANSI (U.P.)



7. Publication of the student thesis research shall be done in concurrence with GBPUAT and ICAR-CAFRI advisors and with their appropriate co-authorship. Such publications will be processed through the ICAR-CAFRI editorial board/Directorate of Experiment Station GBPUAT.
8. Under this agreement, GBPUAT may also nominate to ICAR-CAFRI bona-fide registered students from other Asian countries that have their own source of funds to conduct their thesis research at ICAR-CAFRI. ICAR-CAFRI will screen and accept applicants, depending on availability of accommodations and research facilities at ICAR-CAFRI and provided they meet the eligibility requirements for acceptance at ICAR-CAFRI;
9. The degree candidates will be subjected to all pertinent rules and regulations of GBPUAT and as per Academic regulation Chapter-V-34 which is reproduced below, would be applicable;  
"The course work or research for the degree and diplomas of the University may be completed at a University or some other institution approved for this purpose by the Academic Council. Where the requirements are completed at some institution other than the University the credits so earned may be transferred to the University and counted towards the requirements for the degree or diploma concerned. Where the research has been conducted at some institution other than the University it may be submitted as a thesis to the University in partial fulfillment of the requirements for the degree or diploma concerned".
10. Both parties will strive hard to get the project funding from National and International agencies on the topics/themes related to the interest of both parties and benefiting the farming community and society. The funding/grant available at disposal of either party will be preferably extended to other party within the governing rules and regulations of grant(s). The joint research proposal will be submitted by either of the parties after taking written approval of other party.
11. In case of any dispute between the two, such disputes/ differences shall be solved amicably by mutual discussions without any resource to courts. The decision of Vice-chancellor, **GBPUAT** and Director ICAR-CAFRI, Jhansi shall be final and binding to each other in such situation and no suit/ writ will be maintainable in any court or Law, sole arbitrator.

#### **Article-V** **WORK PLAN**

This MOU will be implemented through specific collaborative work plan. The work plan specifically describes the joint activities to be carried out will be consistent with the priorities and joint research agenda identified and agreed upon at the India- ICAR-CAFRI Work Plan Meeting. The work plan may originate from either party but will require the joint approval of both parties for implementation.

  
GBPUAT  
DEAN, P.G.S

  
ICAR-CAFRI / Director  
कै. कृ. वा. अनु. संस्थान, झाँसी (उ.प्र.)  
CAFRI, JHANSI (U.P.)



**Article-VI  
AMENDMENTS**

The parties may, by mutual consent in writing, modify any provisions of this MOU.

**Article-VII  
EFFECTIVITY**

This MOU shall take effect on the date the last authorized representative affixes his/her signature, and shall remain valid for five (5) years unless sooner terminated when one of the parties notifies the other in writing of its intention to terminate the MOU, in which case, the MOU will terminate six months from the date of such notification. This MOU may be further renewed or extended upon mutual agreement between the parties, which shall be made not later than six months prior to the termination date;

IN WITNESS WHEREOF, the two parties here into signed this Memorandum of Understanding on the day 19<sup>th</sup> of the month June in the year 2021 by competent authorities indicated below:

(IFRAN AHMAD)  
STAMP VENDOR L-193  
Identified the signature of  
deponent has/have been signed before  
HAMZA PHOTO STATE  
Pantnagar, Mob.: 9458962121

For and on behalf of ICAR-CAFRI, Jhansi

For and on behalf of GBPUAT, Pantnagar

(**AYYANADAR ARUNACHALAM**)

(**KIRAN P. RAVERKAR**)

Designation: Director  
निदेशक/Director  
के.कृ.पा.जनु. संस्थान, झंसी (उप्र)  
C.A.F.R.I., JHANSI (U.P.)

Designation: Dean Post Graduate Studies  
DEAN  
Post Graduate Studies  
G.B.P.U.A. & T.  
Pantnagar-263145

FOR AND ON BEHALF OF THE ICAR-CENTRAL AGROFORESTRY RESEARCH INSTITUTE

FOR AND ON BEHALF OF THE G.B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY, PANTNAGAR

Witnesses:

Witnesses:

1. **Alax Handa**  
Principal Scientist, Agroforestry  
Central Agroforestry Research Institute  
JHANSI (U.P.)-284003

1. **Kiran P. Raverkar**  
DIRECTOR  
Research

2. **Dr. INDER DEV**  
Principal Scientist (Agronomy)  
ICAR-CAFRI, JHANSI-284003 (U.P.)

Attested & Authenticated  
nature of deponent/Executant  
Signature of **Kiran P. Raverkar** and **Ayyanadar Arunachalam**  
Identified by Shri **Daya Nand Jaiswal**  
19/07/2021  
**DAYA NAND JAISWAL**  
ADVOCATE  
NOTARY KICHHA-RUDRAPUR  
U S Nagar (Uttarakhand) India