

MEMORANDUM OF UNDERSTANDING

Between

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Indian Grassland and Fodder Research Institute (IGFRI),
ICAR Institute registered by the Director, Indian Grassland and Fodder Research Institute,
Gwalior Road, Jhansi, 284003 (U.P.)

Bundelkhand University, Jhansi

Between

to

Promote Academic and Research Co-operation between the two Institutes.

This MOU signed and entered into on this _____ day of _____ 2015 between the Indian
Grassland and Fodder Research Institute, Jhansi and Bundelkhand University, Jhansi, Uttar
Pradesh, India.

**Indian Grassland and Fodder Research Institute (IGFRI), Gwalior road,
Jhansi, UP-284003, India**

IGFRI, a national institute under the administrative control of Indian Council of Agricultural
Research (ICAR) is mandated to conduct basic, strategic, applied and adaptive research and
development and training in forage production and utilization.

Its main objectives are:

- Collect, evaluate, disseminate and improve genetic resources
- Carry out basic research on improved production and utilization of fodder crops
- Conduct applied and adaptive research on forages and grasslands
- Providing consultancy and expertise in the area of forages and grasslands
- Technology transfer and human resource development

And

Whereas, Bundelkhand University has the following mandate:

- Offering education
- Provide opportunities for research and development according to the
aptitudes and potentials of India

Bundelkhand University, Jhansi

The Indian Grassland and Fodder Research Institute, Jhansi and BU recognize each other's
strengths in research and education, by qualities in the field of Agriculture too. This is

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Indian Grassland and Fodder Research Institute, Jhansi (hereinafter referred to as "IGFRI"),
ICAR Institute represented by the Director, Indian Grassland and Fodder Research Institute,
Gwalior Road, Jhansi-284 003 (U.P.)

and

Bundelkhand University, Jhansi

to

Promote Academic and Research Co-operation between the two Institutes.

This MOU agreed and entered into on this.....~~Second~~^{May} day of ~~2015~~, 2015 between the Indian
Grassland and Fodder Research Institute, Jhansi and Bundelkhand University, Jhansi, Uttar
Pradesh, India.

A. Preamble

I. Indian Grassland and Fodder Research Institute (IGFRI), Near Pahuj Dam, Jhansi (UP) – 284 003

IGFRI, a national Institute under the administrative control of Indian Council of Agricultural Research (ICAR), is mandated to conduct basic, strategic, applied and adaptive research and development and training in forage production and its utilization.

Mandate:

- Collection, evaluation, documentation and conservation of forage genetic resources.
- Basic and strategic research on improvement, production and utilization of fodder crops.
- Coordinating and collating research on forages and grasslands.
- Providing consultancy and expertise in the area of forages and grasslands.
- Technology transfer and Human Resource Development

II. Whereas, Bundelkhand University has the following mandate:

- Offering opportunities to the aspiring youths to pursue higher education.
- Provide opportunities for applied research and professional training according to the aptitude and potentials of individuals.

The Indian Grassland and Fodder Research Institute, Jhansi and BU recognize each other's strengths in research and education capabilities in the field of Agriculture too. This is

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therefore, an opportunity for BU and IGFRJ to work together synergistically based on the complementary objectives to exchange common facilities with common understanding. Both parties agreed to protect common interest protecting their basic mandate.

III. Common Interest and Agreement

After studying the strength of each other, IGFRJ Jhansi and Bundelkhand University, Jhansi have agreed that they can share the expertise available at both the ends for mutual benefits in the fields of Education, training, scientific research and enter into a Memorandum of Understanding (MOU) between them. As per feasibility of the present situation and facilities available, certain broad areas and programmes have been identified for mutual collaboration.

1. Biotechnology
2. Biochemistry
3. Molecular biology
4. Abiotic / Biotic stress biotechnology
5. Environmental biotechnology
6. Stress physiology and Biochemistry
7. Plant protection
8. Microbiology
9. Analytical techniques/Instrumentation
10. Animal Husbandry
11. Economic Botany
12. Animal productions and nutrition.

B. Objectives/ Goal:

The aims and objectives of the MOU are mutual exchange and technical specialization in the areas listed under item number III. The goal of this Memorandum of understanding between IGFRJ, Jhansi and BU, Jhansi is to foster collaborative training and research programme to provide advancement in scientific knowledge for the benefit of society by large.

C. Responsibilities:

1. Whereas, IGFRJ, Jhansi will render its support to Bundelkhand University in the following aspects.
 - IGFRJ has already well established expertise and facilities in the research activities, so it can assist in setting up advanced lab facilities at Bundelkhand University.
 - Scientists and subject experts of IGFRJ will deliver the special lectures on the current trends and developments in the areas listed under item III, which will be useful for the faculty staff and the students of the Bundelkhand University in updating their knowledge.

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- IGFRI, Jhansi, will provide seeds of various forage crops and crop varieties to carry out research at Bundelkhand University.
- Scientists of IGFRI will help the faculty of Bundelkhand University in preparing the collaborative research proposals in the areas listed under item III.
- Post Graduate and Ph.D. students registered in BU, Jhansi will be allowed to carry out their research work in IGFRI, Jhansi in limited numbers with approved programme as per the mandate of IGFRI and as per availability of facilities to be decided by competent authority of IGFRI, Jhansi.
- Scientist will allocate thesis work in the ongoing IGFRI project with the consent of Project PI and workers and the funding agencies.
- Guide and co-guide will be decided in consultation with competent authority of IGFRI for those students who will work at IGFRI. However, other co-guide may be decided by BU, Jhansi as per their discretion.
- Institute (IGFRI) training and research fees will be applicable as per ICAR guideline only.
- Once student deposit their required fees at Instt. Institute research guide line and discipline will automatically applicable to him.

2. Bundelkhand University will render its support to IGFRI, Jhansi in following aspects.

- Whereas, BU shall recognize IGFRI and proposed specific discipline/division/departments as centre of excellence for conducting research work for post graduate and doctoral students.
- Whereas, The University shall provide facilities (Laboratories, library etc) for conducting research work by the student jointly sharing the cost and intellectual property.
- Whereas: Faculty/Scientists and the Research Fellows at IGFRI may be allowed to register for Doctoral programme for the award of Doctoral Degree from University in the subject/field as per Ordinances for Ph.D.
- Whereas: BU shall undertake the entire work in respect of the candidates including synopsis, acknowledging submission of thesis, deciding examiners from India Institution, dispatch of thesis to examiners and timely receipt of reports, issue of provisional certificate and any other work related to proper submission and award of the final degree as per the Ph.D. Ordinance.
- Whereas: No change of supervision or no co-supervision shall ordinarily be allowed. Change of supervision and/or co-supervision may be allowed on account of supervision and/or co-supervision leaving the institution or an account of his/her death or being unapproachable or when he/she is unwilling to continue to supervise the candidate or any other circumstances necessitating such a change. The provisions relating to change of supervise shall be governed by Ph.D. Ordinance.
- Fees structure for the students at BU will be as per University rules.
- A copy of the accepted thesis will be forwarded to IGFRI Library for record.

3. Joint responsibilities:

- Whereas, faculty member and scientist of IGFRI may undertake collaborative research programme as per ICAR guidelines in related areas.

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- Whereas, faculty members and scientist may submit research project with mutual consent through proper channel with mutual funding.
- Faculty members and scientist of both the institution agree to obtain approval from Instt. Ethics committees and ITMU centre in related matters of bio-safety, IPR ETC.
- IPR issues shall be addressed as per ICAR guide lines.
- Periodical meeting of the students' supervisor either at the premises of University or IGfRI Instt. will be held for regular review of works.

D. Modalities of cooperation and coordination

A coordination committee comprising Director of IGfRI, Jhansi and Vice Chancellor of BU or his nominee and the programme coordinator of both the parties will look after the modalities and envisaged academic research activities. The committee shall meet at least once in a year to review the progress on all activities carried out under this MOU.

E. Exchange of Research, Scientific and Technical materials:

Research as imposed on exchange of materials or in relation to other concerned areas imposed by the Govt. of India shall be enforceable along with all other statutory requirements. Both BU and IGfRI agree to explore the ways to share teaching/learning materials and other relevant literature subject to institutional policy.

F. Funding and Financial Liabilities:

The activities carried out under this MOU will be financially supported by their respective Institution separately, and as mentioned from funding agencies permitting joint research. Student training and Ph. D. fees will be applicable as per Ph. D. ordinance. No party will be financially liable for any claim or interested towards other party for any activities undertaken under this MOU.

G. Amendment, tenure and termination:

This MOU can be amended only by a written consent duly signed by the signatories or their successor. The MOU between the said Bundelkhand University, Jhansi and IGfRI, Jhansi will come into force after getting approval from the competent authorities including signatories or their successor. The parties acknowledge and agree to fulfill requirements and to undertake all activities identified under this MOU. This MOU become effective from the date by both the parties and will be valid for five years which may be extended for a period suited by the parties and will be valid for the parties. The confidentiality maintaining period will be of three years, from the date of expiry of MOU. Any party may cease its cooperation under this MOU by providing six month written notice to other party.

H. Arbitration Clause:

This MOU is a statement of intent of the parties to cooperate and is not legally binding upon the parties under any circumstances whatsoever. This MOU does not create legally enforceable rights, claim, interest, duty or obligation in favor of either of the parties as against the other party.

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Duration of MOU

The duration of the MOU shall be of five years from the day of signing of the MOU. The MOU shall stand renewed automatically unless desired otherwise by either/both the parties. In witness where of the undersigned, duly authorized there to have signed this Memorandum of Understanding on 2nd May 2015.

Signature: *20/05/15*

निदेशक
DIRECTOR
वा.प.वा.एवं चारा.अनु.सं.प्रौ.सि
JHANSI
Name: Dr. P. K. Ghosh

Director, IGFR, Jhansi

Place: Jhansi, U. P.

Date:

Signature: *[Signature]*

कुलपति,
बुन्देलखण्ड विश्वविद्यालय,

Name: Prof. *[Signature]*

Vice Chancellor, Bundelkhand University

Place: Jhansi, U. P.

Date: 2 May 2015

Witness

1. F.O.

[Signature]
Finance Officer,
Bundelkhand University
JHANSI

2. Dean (Arts)

[Signature]
DEAN
FACULTY OF ARTS
Bundelkhand University
JHANSI-284128

3. Dean (Science)

[Signature]
(Prof. S.P. Singh)