

मध्य प्रदेश MADHYA PRADESH

BD 775929

Memorandum of Understanding  
between  
ICAR- Indian Institute of Soil Science, Bhopal  
and  
Barkatullah University, Bhopal

This MEMORANDUM OF UNDERSTANDING (hereinafter referred to as MOU) is made and entered into on this 22<sup>nd</sup> of June 2019 between the **ICAR-Indian Institute of Soil Science, [hereinafter ICAR-IISS]**, having its Head Office at Nabibagh, Bhopal-462038 [hereinafter called **ICAR-IISS/First Party**] a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110 001 on the ONE PART and the **Barkatullah University** having its Head Office at Hoshangabad Raod, Bhopal 462026, MP (**hereinafter BU/Second Party**) on the OTHER PART (who for the purpose of this MoU are hereinafter individually referred to as 'PARTIES')

The parties, having discussed fields of common research interests and allied activities between the two institutions, have decided to enter into long-term collaboration for promotion of students' training and quality postgraduate research in cutting edge areas in accordance with the provisions contained in the Guidelines issued vide Letter No. 2/8/2012- HRD dated 30 April 2014 or as revised from time to time.

  
Signature of First Party

  
Signature of Second Party

1490  
100

07/07/19

ICAR - Indian Institute of Soil Science, Bhopal



**R.K. TIWARI**  
STAMP VENDOR  
Prem Nagar, Chhola, Bhopal

Bachhatullah University, Bhopal

BD 775232

मध्य प्रदेश

### Memorandum of Understanding

ICAR - Indian Institute of Soil Science, Bhopal

Bachhatullah University, Bhopal

THIS MEMORANDUM OF UNDERSTANDING (MoU) is made and entered into on this 22nd day of March 2019 between the ICAR-Indian Institute of Soil Science, Bhopal (ICAR-ISSS), having its Head Office at Chhola, Bhopal-462038 and Bachhatullah University, Bhopal (BHU), having its Head Office at Chhola, Bhopal-462038. The purpose of this MoU is to establish a long-term relationship between the two institutions for the promotion of research and development in the field of Soil Science and to provide a platform for the exchange of information and experiences between the two institutions.

The parties, having shared their common research interests and after discussing the various aspects of the MoU, have decided to enter into a long-term relationship for the promotion of research and development in the field of Soil Science and to provide a platform for the exchange of information and experiences between the two institutions. The MoU is made and entered into on this 22nd day of March 2019 between the ICAR-Indian Institute of Soil Science, Bhopal (ICAR-ISSS), having its Head Office at Chhola, Bhopal-462038 and Bachhatullah University, Bhopal (BHU), having its Head Office at Chhola, Bhopal-462038.

Signature of Second Party

Signature of First Party



WHEREAS the "First Party" is involved in the studies on **"To Provide Scientific Basis for Enhancing and Sustaining Productivity of Soil Resource with Minimal Environmental Degradation"**(specific mandated domain within the approved disciplines/divisions), AND WHEREAS the "Second Party", established by Govt. of Madhya Pradesh (Name of the Agency) vide Act No. Madhya Pradesh Vishwavidyalaya Adhiniyam, 1973 of Madhya Pradesh and recognized by University Grants Commission is involved in higher education and research in the field of arts, science and technology.

AND WHEREAS it has been considered expedient to agree in writing to participate jointly in the projects requiring expertise and logistics from both the parties.

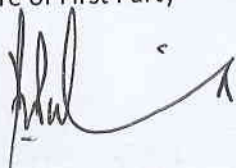
### **Article 1. Scope**

- 1.1 The Second party will recognize the First party as an Institute for conducting research related to the thesis requirement of the research students for **M.Sc./Ph.D. in Soil Science, Microbiology, Soil Microbiology, Plant Physiology, Environmental Sciences, Geo-informatics, Microbial Biotechnology, Limnology and other relevant agricultural fields of study**. The Second party will recognize Scientists of the ICAR Institute as recommended by its Director in accordance with the University rules and regulations for guiding students working for the said degree.
- 1.2 Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain within the approved disciplines/divisions. The objective(s) for research work for a student coming from a Second party outside National Agricultural Research System (NARS) should be exclusively different as far as possible.
- 1.3 Research instrumentation facility and library facilities available with the First party and the Second party will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.
- 1.4 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. The duration of exchange visits will be determined by mutual consent between both the parties.
- 1.5 Provision of this MoU is not applicable to other PG colleges which are affiliated to BU, Bhopal.

### **Article 2. Management**

- 2.1 Director of the First party and the Vice-Chancellor/Head of the Institution 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.
- 2.2 The Advisory Committee of both parties will meet at least once in a year alternatively in the institutions of the First party and the Second party to review the activities. This meeting shall include presentation on the academic and research activities, which should be open to the students, faculty and scientists.

Signature of First Party



Signature of Second Party

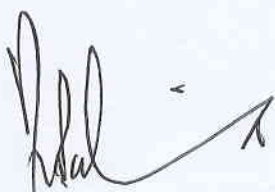


### Article 3. Exchange of Information

- 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 into pursuant to this MoU.
- 3.2. The parties support the widest possible dissemination of information. Each party in joint projects shall be given the right to use, disclose, publish or disseminate such information for any and all purposes.

### 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 on the basis of 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.
- 4.3 Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the First party and the Second party.
- 4.4 Any research publications arising will be jointly published in accordance with the provisions laid out in Item 3.2.1C of the Guidelines for the students to conduct research for their degree programme as trainees at ICAR institutions as notified *vide* Letter No. F.No. 2-8/2012-HRD dated 11 December 2012 and F.No. 2/8/2012-HRD dated 30 April 2014 or revised Guidelines, if any, as may be issued from time to time.
- 4.5 A copy of the thesis/dissertation will be submitted to the First Party after the award of the degree by the Second party.
- 4.6 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level 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.
- 4.7 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.8 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.



Signature of First Party



Signature of Second Party



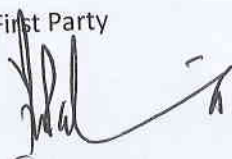
## Article 5. Intellectual Property Rights

- 5.1 The Second party will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work. 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.

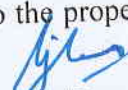
## Article 6. Admission and Fees

- 6.1 All those who wish to register as trainees or for Master/Doctoral programme under this MoU must apply for admission at the Second party. The allocation of Major Guide/Advisor would be finalized before the registration and will be governed by the provisions laid out in Items 3.2.1A and 3.2.2A of the Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions as notified *vide* Letter No. F.No. 2-8/2012-HRD dated 11 December 2012 and F.No. 2/8/2012-HRD dated 30 April 2014 or revised Guidelines, if any, as may be issued from time to time, for the students from within National Agricultural Research System (NARS) and outside NARS, respectively.
- 6.1.1 (i) The criterion of allocation of Major Guide/Advisor will primarily be governed by the intellectual input and time duration devoted for carrying out the research work at a particular institution. It may be decided by mutual consent, keeping in view the MOU signed between partnering institutions. If the major guide is from ICAR institutes, the co-guide will be from partnering university and vice-versa.  
(ii) The objectives(s) for research work for a student coming from such as institution should be exclusively different as far as possible.
- 6.2 Admission of the students and the award of degrees for different programmes will be the responsibility of the Second party as per the rules and regulations.
- 6.3 Allotment of the students at the First party will be done by the approval of Director of the First party and Vice-Chancellor/Head of the Institution of the Second party.
- 6.4 The First party would have the right to screen the student's eligibility for admission based on their academic period.
- 6.5 The Academic Cell/PME Cell of the First party in consultation with the representative of the Second party shall decide the location and sharing quantum of research work.
- 6.6 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 institution.
- 6.7 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

Signature of First Party



Signature of Second Party



- 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.
- 6.8 Fees will be charged from the students by the First party as per Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions *vide* Letter No. 2-8/2012-HRD dated 11th December, 2012 or revised Guidelines, if any, as may be issued from time to time. **A student registered with a Second party, outside NARS, will deposit fee of Rs. 10,000/- for training duration of 3 months (not leading to a degree/dissertation) and Rs. 30,000/- per semester (six months) for training, research, dissertation exceeding three months.** Any change in fee structure by ICAR will be applicable from the date of revision and shall be charged by the First party.
- 6.9 Student should pay the fees etc. as per the rules and regulation of both the institution i.e. ICAR-IISS, Bhopal and BU, Bhopal

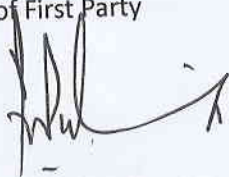
#### **Article 7. Entry into effect, modification and termination**

- 7.1. This MoU shall become effective on the date it is signed by the parties and shall be valid for three years extendable up to five years by mutual consent. Both parties shall review the status of the MoU at the end of each three/five year period to determine any modification, whenever necessary. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.
- 7.2. 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.
- 7.3. No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MoU. The modifications/changes shall become part of the MoU and shall be effective from the date on which they are made/executed, unless otherwise agreed to.

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 parties have executed this MoU and represent that they approve, accept and agree to terms contained herein.

Signature of First Party




Signature of Second Party




(Name and Address of the First Party)

Name of the Director of the First Party

  
Dr. Ashok K. Patra  
Director, ICAR-IISS  
Nabibagh, Berasia Road, Bhopal  
Tel No. 0755-2730946  
Date  
Signature with Seal

(Name and Address of the Second Party)


Name of the Vice-Chancellor/Head of the  
Institution of the Second Party)

  
Professor R J Rao  
VC, Barkatullah University  
Hoshangabad Road, Bhopal  
Tel. No. 0755-2517002  
Date  
Signature with Seal

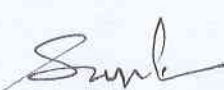
Witness

1.   
Dr. R. ELANCHEZHIAN  
IC PNE cell, ICAR-IISS

Witness

2.   
22.6.19  
(SK GUPTA)  
Sr. A.O.


Witness

1.   
Ajit Shrivastava  
Registrar, B.U. Bhopal

Witness

2.   
Anil Prakash.

Signature of First Party

  
Signature of Second Party



डा. कुसुमाकर शर्मा  
सहायक महानिदेशक (मानव संसाधन विकास)

**Dr. Kusumakar Sharma**  
ASSISTANT DIRECTOR GENERAL (HRD)



शिक्षा विभाग  
भारतीय कृषि अनुसंधान परिषद  
कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली 110 012

EDUCATION DIVISION  
**INDIAN COUNCIL OF AGRICULTURAL RESEARCH**  
KRISHI ANUSANDHAN BHAVAN-II, PUSA, NEW DELHI 110 012

**F.No.2/8/2012-HRD**  
**Dated: 30<sup>th</sup> April, 2014**

To

1. All the Vice Chancellors/ State Agricultural Universities/ AAI-DU/CAU/ICAR-DUs/ CUs having Faculty of Agriculture
2. All the Directors of ICAR Institutes

**Subject: Umbrella Memorandum of Understanding between ICAR Institutes and Universities/DUs for facilitating students' training/postgraduate research work**

Sir,

In accordance with the revised Guidelines for the students to conduct research for their degree programmes as trainees at ICAR Institutes, as approved by the Governing Body of ICAR Society in its 230<sup>th</sup> Meeting held on 12<sup>th</sup> March, 2014, please find enclosed herewith the draft umbrella Memorandum of Understanding (MoU) to be executed between ICAR Institutes and Universities/DUs for facilitating students' training/postgraduate research work, for information and necessary action with immediate effect.

**(Kusumakar Sharma)**



Umbrella Memorandum of Understanding  
between

.....  
(Name of the ICAR Institute)

and

.....  
University/DU [Within NARS (AUs/ICAR DUs) or Outside NARS (Central/State Govt./Public  
Sector Funded Institutions/State Universities/Autonomous Bodies/Private Universities or  
Institutions)]

*for facilitating*  
Students' Training/Postgraduate Research

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this ..... day of the month of ..... in the year ..... by and between the ..... (Name of the ICAR Institute) having its Head Office at ..... [hereinafter called "....."/First party], a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110 001 on the ONE PART and the ..... [Name of the AU/ICAR-DU (Within NARS) or Central/State Govt./Public Sector Funded Institution/State University/Autonomous Body/Private University or Institution having its headquarters at ..... [hereinafter called "....."/Second party] on the OTHER PART (who for the purpose of this MoU are hereinafter collectively referred to as the parties).

The parties, having discussed fields of common research interests and allied activities between the two institutions, have decided to enter into long-term collaboration for promotion of students' training and quality postgraduate research in cutting edge areas in accordance with the provisions contained in the Guidelines issued *vide* Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 or as revised from time to time.

WHEREAS the "First Party" is involved in the studies on ..... (specific mandated domain within the approved disciplines/divisions),

AND WHEREAS the "Second Party", established *vide* F. No. .... dated ..... by Govt. of India/Govt. of ..... (Name of the Agency) *vide* Act No. .... of ..... and recognized by University Grants Commission] at its Department of ..... is involved in ..... (specific areas of research),

AND WHEREAS it has been considered expedient to agree in writing to participate jointly in the projects requiring expertise and logistics from both the parties.

(Signature of First Party)

(Signature of Second Party)

## **Article 1. Scope**

- 1.1 The Second party will recognize the First party as an Institute for conducting research related to the thesis requirement of the research students for ..... (Name of the degree programme). The Second party will recognize Scientists of the ICAR Institute as recommended by its Director in accordance with the University rules and regulations for guiding students working for the said degree.
- 1.2 Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain within the approved disciplines/divisions. The objective(s) for research work for a student coming from a Second party outside NARS should be exclusively different as far as possible.
- 1.3 Research instrumentation facility and library facilities available with the First party and the Second party will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.
- 1.4 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. The duration of exchange visits will be determined by mutual consent between both the parties.

## **Article 2. Management**

- 2.1 Director of the First party and the Vice-Chancellor/Head of the Institution 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.
- 2.2 The Advisory Committee will meet at least once in a year alternatively in the institutions of the First party and the Second party to review the activities. This meeting shall include presentation on the academic and research activities, which should be open to the students, faculty and scientists.

## **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 into pursuant to this MoU.
- 3.2. The parties support the widest possible dissemination of information. Each party in joint projects shall be given the right to use, disclose, publish or disseminate such information for any and all purposes.

## **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 on the basis of 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.

(Signature of First Party)

(Signature of Second Party)

- 4.2 Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.
- 4.3 Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the First party and the Second party.
- 4.4 Any research publications arising will be jointly published in accordance with the provisions laid out in Item 3.2.1C of the Guidelines for the students to conduct research for their degree programme as trainees at ICAR institutions as notified *vide* Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 or revised guidelines, if any, as may be issued from time to time.
- 4.5 A copy of the thesis/dissertation will be submitted to the First Party after the award of the degree by the Second party.
- 4.6 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level 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.
- 4.7 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.8 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.

#### **Article 5. Intellectual Property Rights**

- 5.1 The Second party will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work. 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.

#### **Article 6. Admission and Fees**

- 6.1 All those who wish to register as trainees or for Master/Doctoral programme under this MoU must apply for admission at the Second party. The allocation of Major Guide/Advisor would be finalized before the registration and will be governed by the provisions laid out in Items 3.2.1A and 3.2.2A of the Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions as notified *vide* Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 or revised Guidelines, if any, as may be issued from time to time, for the students from within NARS and outside NARS, respectively.
- 6.2 Admission of the students and the award of degrees for different programmes will be the responsibility of the Second party as per the rules and regulations.
- 6.3 Allotment of the students at the First party will be done by the approval of Director of the First party and Vice-Chancellor/Head of the Institution of the Second party.
- 6.4 The First party would have the right to screen the student's eligibility for admission based on their academic period.

(Signature of First Party)

(Signature of Second Party)



- 6.5 The PME Cell of the First party in consultation with the representative of the Second party shall decide the location and sharing quantum of research work.
- 6.6 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 institution.
- 6.7 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.
- 6.8 Fees will be charged from the students by the First party as per Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions *vide* Letter No. 2-8/2012-HRD dated 11<sup>th</sup> December, 2012 or revised Guidelines, if any, as may be issued from time to time. No fee may be charged by the First party from the students registered with AU/DU within NARS. However a student registered with a Second party, outside NARS, will deposit fee of Rs. 10,000/- for training duration of 3 months (not leading to a degree/dissertation) and Rs. 30,000/- per semester (six months) for training, research, dissertation exceeding three months. Any change in fee structure by ICAR will be applicable from the date of revision and shall be charged by the First party.

#### **Article 7. Entry into effect, modification and termination**

- 7.1. This MoU shall become effective on the date it is signed by the parties and shall be valid for three years extendable up to five years. Both parties shall review the status of the MoU at the end of each three/five year period to determine any modification, whenever necessary. The period of validity of this MoU may be extended by mutual consent up to five years. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.
- 7.2. 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.
- 7.3 No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MoU. The modifications/changes shall become part of the MoU and shall be effective from the date on which they are made/executed, unless otherwise agreed to.

(Signature of First Party)

(Signature of Second Party)

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 parties have executed this MoU and represent that they approve, accept and agree to terms contained herein.

<b>(Name and Address of the First Party)</b>	<b>(Name and Address of the Second Party)</b>
<b>Name of the Director of the First Party</b>	<b>Name of the Vice-Chancellor/Head of the Institution of the Second Party]</b>
<b>Tel No.</b>	<b>Tel. No.</b>
<b>Date</b>	<b>Date</b>
<b>Signature with Seal</b>	<b>Signature with Seal</b>
Witness 1.....	Witness 1 .....
Witness 2 .....	Witness 2 .....

डा. कुसुमाकर शर्मा  
सहायक महानिदेशक (मानव संसाधन विकास)

**Dr. Kusumakar Sharma**  
ASSISTANT DIRECTOR GENERAL (HRD)



शिक्षा विभाग  
भारतीय कृषि अनुसंधान परिषद  
कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली 110 012

EDUCATION DIVISION  
**INDIAN COUNCIL OF AGRICULTURAL RESEARCH**  
KRISHI ANUSANDHAN BHAVAN-II, PUSA, NEW DELHI 110 012

F. No.2-8/2012-HRD

Dated 11<sup>th</sup> December, 2012

**Circular**

The Governing Body of ICAR in its 225<sup>th</sup> Meeting held on 6<sup>th</sup> Nov. 2012 has approved the **Guidelines for the Students to conduct research for their Degree programme as trainees at ICAR institutions**. A copy of the guidelines has been uploaded on ICAR website ([www.icar.org.in](http://www.icar.org.in)) for information guidance and necessary action.

(Kusumakar Sharma)

**Distribution:**

1. All Vice Chancellors of State Agricultural Universities
2. All DDGs/ND, NAIP, ICAR New Delhi
3. Directors/ Joint Director/ Project Directors of all Research Institutes/ Project Directorates and National Research Centres/ Bureaux
4. Director, D-KMA/ ADG (CDN), ICAR New Delhi
5. Sr. PPS to Secretary, DARE&DG, ICAR New Delhi
6. Director (P), ICAR New Delhi with reference to his office letter no. F. No. 13(3)/ 2012- Gov. Cell dated 29<sup>th</sup> November, 2012
7. ADG (EPD)/ AGD (EQR)/Deputy Secretary (Edn.), ICAR New Delhi
8. Guard File



**Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions**

(Approved in ICAR 225<sup>th</sup> GB meeting on 06.11.2012)

**1. OBJECTIVE**

Promotion of quality post graduate research and training in cutting edge areas by facilitating students to seek specialized guidance and facilities of ICAR Research Institutes.

**2. SCOPE**

The guidelines shall be uniform across entire ICAR-AU System and applicable only to those institutions where there exists a Memorandum of Understanding (MOU) between ICAR Research Institutes and the University/Deemed-to-be-University (DU) seeking Collaboration. The University/ DU may be within National Agriculture Research System (AUs/ICAR DUs) or outside NARS (Central/ State Govt./ Public Sector funded institutions/ State Universities/ PSU/ Autonomous bodies/ Statutory Corporations/ Private Universities or Institutions). The ICAR research Institute may ensure that the MOU promotes the major function of the institute /laboratories.

**3. TERMS AND CONDITIONS**

**3.1 GENERAL**

1. A faculty member of any ICAR research institute could admit the student(s) directly for research work with the prior approval of the Head of the Institution.
2. The number of students allocated to the Major Advisor/Major Guide normally may not exceed two at a given time, irrespective of the nature of degree programme (Master's or Doctoral). However, Director/VC of the University concerned may decide and take final decision in this regard based on the requirement, available manpower and research infrastructure.
3. RAs/SRFs, who have completed their course work and are working under different research projects in an Institute may be permitted to join a degree programme only with a University recognized by UGC/ICAR-AU system with bilateral MOU on IPR issues. However, PI of the project with the approval of Director 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.
4. The partnering institute(s) 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.

### **3.2 SPECIFIC**

Based upon student's parent institution, the guidelines may be categorised into two heads as under:

#### **3.2. 1. Within National Agricultural Research System (AU/DU to ICAR Institute)**

##### **A. Advisor/Guide**

- (i) The criterion for allocation of Major Guide/Advisor will primarily be governed by the intellectual input and time duration devoted for carrying out the research work at a particular institution. It may be decided by mutual consent, keeping in view the MOU signed between partnering institutions. If the major guide is from ICAR Institute, the co-guide will be from partnering university and vice-versa.
- (ii) The ICAR scientists pursuing their PhD degrees after completing their PhD course work at ICAR-DUs may be allowed to do their research work at the institute where they are posted, in view of shortage of scientists/faculty.

##### **B. Fee Structure**

If a student registered with AU/DU intends to carry out the research work at ICAR Institute, latter may not charge any fee from the registering institution/student, except the hostel accommodation charges, etc. However, if a student registers with AU/DU 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/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.

##### **C. Publications**

- (i) The student would invariably be the senior author for the publications arising out of the research work conducted at the AU/DU/Institutes, followed by Major Guide/Advisor and Co-Major Advisor/Co-Guide in that order. 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/Advisor.
- (ii) The partnering institutions may ensure that the institute should ensure that the student submits atleast 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.

#### **D. Intellectual Property Rights (IPRs)**

A separate clause regarding management of IPR issues will be incorporated in the MOU signed between partnering AU and ICAR Institute. The student 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 institution 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 AU/DU and ICAR Institute, 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.

#### **3.2.2 Outside National Agricultural Research System (*Central / State Govt./ Public Sector funded institutions / State Universities / PSU / Autonomous bodies / Statutory Corporations / Private Universities or institutions*)**

##### **A. Advisor/Guide**

- (i) The requirements for Major Advisor/Guide shall be the same as per para 3.2.1 (i) above for students in National Agricultural Research System (AU/DU to ICAR Institute).
- (ii) The objective(s) for research work for a student coming from such an institution should be exclusively different as far as possible.

##### **B. Fee Structure**

The students shall be uniformly charged a fee of Rs. 20,000/- for training/research/dissertation up to duration of 3 months and @ Rs. 30,000/- per semester for the work exceeding three months. The fee structure is to be reviewed periodically after two years by the AU/DU or the ICAR Institute, as the case may be.

##### **C. Publications**

The requirements for Publications shall be the same as per para 3.2.1(C) above for students in National Agricultural Research System (AU/DU to ICAR).

#### **D. Intellectual Property Rights (IPRs)**

A separate clause regarding management of IPR issues will be incorporated in the MOU signed between partnering AU/ ICAR Institute, exclusively for the students coming from Central/State Govt./Public Sector funded institutions/ PSU/Autonomous bodies/Statutory Corporations.