

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

(Approved in ICAR 225th 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/CSIRSRF], 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 / StateGovt./ 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.