



Training Programme

on

Layout and maintenance of field experiments and recording observations (March 18–27 2017)

Sponsored by

INDIAN COUNCIL OF AGRICULTURAL
RESEARCH, NEW DELHI

Course Director

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Background

To establish the validity or essentiality of any issues in agricultural development requires a specified scientific research. In agricultural research, it is absolutely essential to prepare appropriate statistical Design and a ground Layout. How to prepare the layout in the experimental field needs to be learnt that could ascertain the appropriate design for conducting the field study scientifically. Moreover, an important feature of the Layout and Design of experiment is its ability to uniformly maintain all surrounding environmental factors other than those being evaluated. In addition, properly document all valuable information, events and field activities are essential. A complete documentation of data and detail recording what is happened, when and how during the course of the experimentation process will provide valuable assistance in the data compilation, analyses, interpretation and explanation of the inferences of results obtained from the experiment. Keeping in view of the better understanding of this background, the present training course has been formulated to impart knowledge and skill to the participants.

Course Content

The entire course curriculum would emphasis on the logic and philosophy

behind the field technique taking into account the scientific methodology of field experiments. Considering both the theory (class room exercises) and practical (field exercises) classes, the course would address how to formulate an appropriate plan for designing ground layout of a field study, collection of scientific information of parameters under study, record field data and maintain a data sheet of the research project under field investigation following an appropriate methodology. It may include knowledge on various types of field design fulfilling the objective(s) of the study, how to prepare ground layout, how to record observations of all analysable parameters and how to proceed with corresponding scientific procedure for statistical estimation of data. Thus, the participants can better understand the *modus operandi* of their field experiment that could help them design, maintain and record the information of the study scientifically for an analysis resulting into a deliverable inference with logical interpretation.

Course duration

March 18–27, 2017

Eligibility

The technical staff of ICAR institutes is eligible for participation in this training programme. All the applications must be routed through proper channel. The total

