

icar-naarm

Training Programme  
on  
**Analysis of Experimental Data**  
(18 to 23 August 2016)



**PROGRAMME DIRECTORS**

S. Ravichandran  
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भाकअनुप-राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी  
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**ICAR-National Academy of Agricultural Research Management**  
(ISO 9001:2008 Certified)  
Rajendranagar, Hyderabad-500030, Telangana, India  
<http://www.naarm.emet.in>; <http://www.naarm.org.in>





The ICAR-National Academy of Agricultural Research management (NAARM), Hyderabad announces a Training Programme on “Analysis of Experimental Data” from 18 to 23 August 2016 at Hyderabad.

### **Background**

Experimental data is the basis of all scientific research. Quality data with correct statistical procedures plays an important role in providing proper and correct inference of the problem under study. Advances in statistical procedures have brought a change in all spheres of sciences and are being increasingly used by researchers to solve scientific hypotheses. This training programme is designed to orient the researchers with the basics of statistical tools with highly popular statistical software packages for analysis of data generated from agricultural research experiments. Researchers would also be exposed to scientific communication of their research results.

### **Objectives**

- To equip the researchers with statistical tools that help in analysis of experimental data
- To train the participants in carrying out statistical analysis of experimental data generated from various experiments using statistical software systems

### **Methodology and Content**

The methodology consists of a blend of lectures, hands-on exercises on software, and group discussions. The programme will provide an excellent opportunity for mutual interaction and information sharing among participants. The contents include:

- Basic Principles of Conducting Experiments
- Introduction to SAS
- Basic Statistical Analysis of Experimental Data
- Tests of Significance

- Correlation and Regression
- Statistical Designs and Analysis
- Multivariate Analysis
- Communication of Research Results

### **Programme Fee**

Rs. 7,000/- for non-ICAR participants inclusive of board and lodging. The programme fee may be paid by Demand Draft or cash during registration or along with the application. The DD should be drawn in favour of "ICAR unit - NAARM" payable in Hyderabad. There will be no programme fee for participants from the ICAR but they have to pay for board, lodging and food.

### **Programme Dates, Duration and Last Date for receiving nominations**

18 - 23 August 2016 (Six days)

Participants are expected to arrive by the evening of 17 August 2016, and can leave after 1700 hrs on 23 August 2016.

**Last Date:** 31 July 2016

### **Who Should Attend?**

Scientists, faculty members (Teachers/Trainers), research managers, and technical officers from the institutes of the ICAR, State Agricultural Universities (SAUs), Krishi Vigyan Kendras (KVKs), other academic and research institutions, who have basic knowledge of statistics and use of computers. The total number of participants will be limited to 25.

### **Travel**

ICAR-NAARM is located in Rajendranagar (17°18'49"N latitude and 78°24'42" East longitude) in Hyderabad about 20 km from the Rajiv Gandhi International Airport, Shamshabad, 25 km from the Secunderabad Railway Station, 16 km from the Hyderabad Railway Station, 16 km from the Kacheguda Railway Station and 12 km from the



Imlibun/Mahatma Gandhi Bus Station. From any of these alighting points, participants can hire an autorickshaw or a car or a taxi. Hyderabad has a salubrious climate.

### **Address for sending the Nomination**

All applicants are advised to fill their nominations using the Training Management Information System at <http://www.naarm.ernet.in/training>. After registration, please download the application form, sign and forward it through official channel to:

**The Officer In-charge, Academic Cell**  
ICAR- National Academy of Agricultural Research Management,  
Rajendrangar, Hyderabad, 500030  
Telangana, India  
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### **Programme Directors**

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