



Dr D. Rama Rao
Director

F. No. QT/ABM/NS&ADP/2015
August 07, 2015

Sub: Training programme on "Quantitative Techniques for Scientists and Business Managers" during September 07-12, 2015 - reg.

Dear Sir/Madam,

A 6-days Training Programme on **"Quantitative Techniques for Scientists and Business Managers"** is being conducted at ICAR-NAARM, Hyderabad during **September 07-12, 2015** for Scientists, Assistant Professor and above cadre working in National Agricultural Research System and Managers of Agribusiness Companies who are involved in quantitative analysis related to agribusiness, marketing and extension. The objective is to equip the participants with the knowledge in application and interpretation of advanced statistical techniques which helps in addressing complex research problems and to train the participants in performing statistical analysis using powerful software such as R and SAS. The training programme flyer with all details is attached. We request you to nominate and sponsor suitable candidates. The last date for receiving the nominations is **August 31, 2015**. A copy of the flyer has also been sent by email to you.


With best regards.

Yours faithfully


(D. Rama Rao)

Encl: As above.

41.	The Director ICAR - Indian Institute of Spices Research, Marikunnu P.O., Calicut-673012, Kerala
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ICAR - National Academy of Agricultural Research Management
Rajendranagar, Hyderabad (A.P) 500 030



Nomination Form

1. Name of the Programme and Date: **Training programme on "Quantitative Techniques for Scientists and Business Managers"**
September 7-12, 2015

2. Full Name (in block letters):

First name

Middle name

Last name

3. Date of birth and age:

4. Sex:

5. Nationality:

6. Designation:

7. Present employer and address :

8. Address for communication (in block letters):

Landline :

Cell :

E-Mail:

Fax:

9. Teaching/Research/Professional experience (including post held) during the last five years
(attach additional sheets if required)

10. Academic record (start from Bachelor's Degree)

Exam	University or Institution	Year	Subjects	Class/ Rank	Another Information
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(Signature of the applicant)

Date:

Place:

Recommendation of the Sponsoring authority

(Signature and Designation of the Nominating Authority)

**Training Program
on
Quantitative Techniques for
Scientists and Business Managers**

September 07-12, 2015



Programme Directors

N. Sivaramane

A. Dhandapani



भाकृअनुप - राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी
राजेन्द्रनगर, हैदराबाद-500030, तेलंगाण, भारत
ICAR-National Academy of Agricultural Research Management
Rajendranagar, Hyderabad-500030, Telangana, India
<http://www.naarm.ernet.in>



The ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad announces a Training Program on “Quantitative Techniques for Scientists and Business Managers” from September 07-12, 2015 at Hyderabad.

Background

Advances in statistics and computing speed have brought a radical change in the applications of statistics in different fields of research. Application of statistics in research has become indispensable for unlocking complex unknown phenomena in the processes using advanced statistical models. Knowledge in statistics has become a critical input which delineates the quality of results. In business environment, statistics is used in all spheres of business to make decisions which optimizes the resources. Practical knowledge on some very essential statistical techniques like tests of significance, sampling, design of experiments, regression analysis, basic multivariate techniques, etc. will help agriculture scientists and business managers to improve the quality of their work, thereby, can make better decisions.

This training programme is designed to orient the participants with the basics of statistics and hands-on training with highly popular and advanced software such as SAS and R followed by advanced statistics topics which are useful to researchers such as economists, extension scientists, sociologists, statisticians and managers working in the field of market or business analytics.

Objectives

- To equip the participants with the knowledge in application and interpretation of advanced statistical tools which help in addressing complex research problems
- To train the participants in performing statistical analysis using powerful software such as R and SAS

Content

The programme will cover the following topics:

- Descriptive statistics and Tests of significance
- Introduction to SAS and R
- Survey methods and Analysis of experimental designs: Preparation of online survey instruments, survey methods, GLM models
- Regression Analysis: Correlation coefficients, Fitting Regression Lines, Interpretation, Dummy Variables in Regression
- Multivariate analysis: Factor and Cluster analyses
- Qualitative Data Analysis – Logit and Probit models

Methodology

The programme will consist of lectures, discussions and practical sessions.

Expected Learning Outputs

It will help the participants in understanding proper application of various statistical tools to various research and business problems. The participants would develop the skills to use SAS and R software for performing statistical analysis. They would be able to address the researchable issues using appropriate statistical techniques and interpret the results properly.

Programme Fee

Non-ICAR participants: ₹ 10,000/- which includes training kit/material, board and lodging charges of NAARM Guesthouses/Hostels excluding TA/DA. There is no registration fee for the participants from ICAR, however, they have to pay board and lodging charges at an approximate cost of ₹ 600/- per day.

The programme fee may be paid through a demand draft drawn in favour of “ICAR Unit-NAARM”, payable at Hyderabad; sent along with the nomination form. Cash payment can also be made during registration. On the reverse side of the Demand Draft, please include the details like programme title, name of the participant and office address.

Payment through NEFT/RTGS is also accepted. For details visit. <http://www.naarm.org.in/training>

Programme Duration

September 07-12, 2015 (Six days). Participants are expected to arrive by the evening of the September 06, 2015 and can leave after 17:00 hours on September 12, 2015.

Last Date for receiving nominations

August 31, 2015

Who Should Attend?

Scientists, faculty members and officers in ICAR institutes, Agricultural Universities and other organizations of NARS and Managers in Agribusiness Companies.

Board and Lodging

All participants are expected to stay in the well-furnished Halls of Residence or Scientists' Home at the Academy on twin-sharing basis. Participants are requested not to bring any family member with them.

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 Hyderabad 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 (MGBS). From any of these alighting points, participants can take an auto rickshaw/taxi/car. Hyderabad has a salubrious climate.

Travel TA and DA has to be met by the participants/sponsoring organizations.

How to Apply?

Applicants are advised to fill nomination form online after registration on Training Management Information System (<http://www.naarm.org.in/training>). Upload filled, signed and scanned nomination form onto Training Management Information System or mail it to Academic Cell, NAARM (academiccell@naarm.ernet.in).

For further information, please contact:

OIC, Academic Cell
ICAR-National Academy of Agricultural Research Management
Indian Council of Agricultural Research
Rajendranagar, Hyderabad-500030, Telangana, India
Email: academiccell@naarm.ernet.in; training.naarm@icar.gov.in
Telephone: +91-40-24581319/310
Fax: +91-40-24581484/24015912

Programme Directors

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