डॉ. उमेश चन्दर सूद
निदेशक

Dr. U. C. SUD
Director

NO. 23(1)/137/2014-CAFT
Date: June 9, 2015

To
  (i) Directors of ICAR Institutes/National Bureaux/Project Directorates/ NRCs/ZPDs
  (ii) Vice Chancellors/Deans/Director (Research) of State Agricultural Universities/Central Agricultural University

Subject: Training programme on "**Applications of Computer Algorithms and Statistical Software Packages in Agriculture**" under Centre of Advanced Faculty Training (CAFT) in Agricultural Statistics and Computer Application.

Dear Sir/Madam,

The CAFT in Agricultural Statistics and Computer Application at the Indian Agricultural Statistics Research Institute, New Delhi is organizing a training programme on "Applications of computer algorithms and statistical software packages in Agriculture" during **December 18 – January 07, 2016** under the aegis of Education Division, ICAR, New Delhi. The aim of this training programme is to enhance knowledge on Computer Algorithms and Statistical Software Packages used in Agriculture. Participants will be provided exposure and practical training on different computer algorithms and analysis techniques using statistical software packages.

You are requested to kindly nominate one or two personnel of your Institute/Organization/University for participating in the training programme. The candidates should fulfil the eligibility criteria as mentioned in the brochure. In all, **25 participants** will be selected for this training programme.

Sponsored candidates may please be advised to apply online using CBP site at www.iasri.res.in/cbp or ICAR site http://www.icar.org.in/ (Capacity Building Program link under Quick links) latest by **October 11, 2015**. After filling the application, they may take the approval of the competent authority of the organization and upload the scanned copy of application through the above portal or send by post. They may also send the nominations approved by competent authority directly at sangeeta@iasri.res.in /sangeeta.ahuja@icar.gov.in . In case of any query please contact **Dr. Sangeeta Ahuja, Course Coordinator** of training program at the address given below:
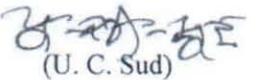Dr. Sangeeta Ahuja, Course Coordinator,
IASRI, Library Avenue, Pusa, New Delhi -110 012
Email: sangeeta@iasri.res.in, reach2san@yahoo.com, sangeeta.ahuja@icar.gov.in
Mobile: 09891146750
The brochure giving details about the training programme is being enclosed for your reference.

Yours sincerely,

(U. C. Sud)

Copy to: DDG (Education)/ADG (HRD), ICAR for kind information.

Centre of Advanced Faculty Training

On

Applications of Computer Algorithms and Statistical Software Packages in Agriculture

18th December – 07th January, 2016

(21 days)

Sponsoring authority:
Education Division
Indian Council of Agricultural Research

Course Coordinator: Dr. Sangeeta Ahuja

lax.kd   vuqiz;ksx izHkkx

Hkkjrh; Ñf"k lkaf[;dh vuqla/kku laLFkku ¼Hkk-+d`-vuq-i-

½ ykbcszjh ,osU;w] iwlk] ubZ fnYyh 110012

Division of Computer Applications
Indian Agricultural Statistics Research Institute (ICAR), Library Avenue, Pusa New Delhi -110 012

URL: http://www.iasri.res.in

Background

Agriculture is the backbone of the Indian economy. It contributes about 26% of the total GDP. It provides livelihood to about 65% of the labour force and account for 8.56% of India's export. Statistics and Information technology plays very important role in Agricultural development through scientific means such as improved spatial and non-spatial data analysis, data mining, forewarning and forecasting models, and knowledge management systems.

With the advent of very powerful personal computers and user friendly software, it has now become possible for everyone to work on computers with relevant computer algorithms and statistical packages for the processing of their data/information, etc.

Objectives

- To educate the participants about the various computer algorithms used for analysis of data in Agriculture.
- To provide training on use of different statistical software packages for agriculture and genomics data.

Course Content

The course has been designed in a series of classroom lectures followed by hands on sessions.
Course includes:

- Introduction to Basic and advanced Computer Algorithms for data analysis and mining.
- Computer Algorithms used in Sample Survey, Biometrics, Forecasting and Design of Experiments.
- Introduction to Statistical Software Packages.
- Use of Statistical Software Packages viz., SPAR 2.0,3.0 SPFE 1,0, 2,0, SPBD, SPAD, SPSS, SAS, R etc.
- Bioinformatics tools for Genome databases and statistical analysis etc.

Venue

Division of Computer Applications,
Indian Agricultural Statistics Research Institute (IASRI),
Library Avenue, Pusa,
 New Delhi - 110 012

Duration

18th December – 07th January, 2016

About IASRI, New Delhi

ICAR - IASRI (http://www.iasri.res.in) is a premium institute in carrying out research, teaching and training in the areas of Agricultural Statistics, Bioinformatics and Computer Applications. With the passage of time the Institute has equipped itself with the following modern facilities to meet the requirements in the changed scenario:

Computing Facilities: Institute has several Computer laboratories well equipped with modern teaching aids and systems with latest hardware and software packages.

Advanced Supercomputing Hub for Omics knowledge in Agriculture (ASHOKA) has been established.

Statistical Computing for NARS

ICAR Data center has been established to provide unified messaging and webhosting solution.

Library: The e- library has rich collection of latest books and journals relating to Computer Science, Statistics, Bioinformatics and other related disciplines including on-line journals and bibliographic databases.

Guest House: IASRI guest house has necessary facilities to cater to the needs of the participants.

About New Delhi

New Delhi, India's capital and a major gateway to the country, is a bustling metropolis, which successfully combines in its fold the ancient and the modern. It is well connected by air, rail and bus to the rest of the country. The weather in Delhi, in July sees the starting of the monsoon but it is reasonably pleasant.

Eligibility

Master'sdegreeinanydisciplineof

Agricultural/ Allied Sciences having working knowledge of computer and data analysis.

Working in a position not below the rank of Scientist/ Assistant Professor.

Nominations

The application for participating must be filled online using CBP portal At www.iasri.res.in/cbp or ICAR site

http://www.icar.org.in/(Capacity Building Program link under Quick links). User has to create account on the CBP site and then using the login id enter into system to apply online for the training program. After filling the application, take a printout of the application and get it approved by the competent authority of the organization. Upload the scanned copy of application through the above portal or send by post.

One can also send the nominations approved by competent authority directly at sangeeta@iasri.res.in, sangeeta.ahuja@icar.gov.in

Travel and other arrangement

The participants will be paid for the journey, to and fro, shortest route restricted to AC-II-tier train fare or Bus or any other means of transport in vogue as the case may be. Actual TA will be paid on production of original tickets by the participants. Participants are advised not to bring family members with them. Participants should make their own transport arrangements to reach the IASRI guest house.

Number of participants : **25**

Last date for receipt of nomination :
11th October, 2015

Information to selected candidates :
12th October, 2015

All correspondence may be addressed to:

Dr. U. C. Sud
Director, ICAR - IASRI & CAFT Director
Library Avenue, Pusa, New Delhi -110 012
Email:
director@iasri.res.in, director.iasri@icar.gov.in
Phone: 011-25841479 Fax: 25841564

Dr. A. K. Choubey
Head, Division of Computer Applications, ICAR - IASRI, Library Avenue, Pusa,
New Delhi -110 012
Email:
akc@iasri.res.in, ak.choubey@icar.gov.in
Phone: 09868222554

Dr. Sangeeta Ahuja
Course Coordinator, Scientist (S.S.),
ICAR - IASRI, Library Avenue, Pusa,
New Delhi -110 012
Email:sangeeta@iasri.res.in,
Sangeeta.ahuja@icar.gov.in
Phone: 09891146750