



राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी

राजेन्द्रनगर, हैदराबाद - 500 030, भारत

NATIONAL ACADEMY OF AGRICULTURAL RESEARCH MANAGEMENT

Rajendranagar, Hyderabad-500 030, INDIA

Phones : (040) 2458 1322; Fax : (040) 2401 5912; <http://www.naarm.ernet.in>



डॉ. डी. रामा राव, निदेशक
Dr. D. Rama Rao, Director

F.No. ICM/SRC/BDA
May 9, 2016

Sub: Training programme on "Big Data Analytics in Agriculture" (June 13-22,2016)

Dear Sir,

ICAR-NAARM is organizing a 10 days DST sponsored training programme on "Big Data Analytics in Agriculture" during 13-22, June 2016 for Scientists and faculty in Agriculture and allied sciences. The objective is to sensitize the trainees in the use of Big Data techniques in Agriculture and allied sectors in agricultural research. The training programme flyer with all details is attached. You may kindly depute the scientists / officials of your institute having experience in data and analytics to participate in this training programme. They are also requested to register online and the registered nomination form may kindly be sent to the Academic cell of the Academy.

With warm regards,

Yours faithfully

(D. Rama Rao)

Encl: Brochure

To

Directors of ICAR Institutes

HRD, Nodal officer ✓

23-05-2016

circulate HDS/stations/campus
5/1
24/5/16

Address for sending the Nomination

All applicants are strictly advised to fill their nominations using the Training Management Information System (TIMS) at <http://www.naarm.ernet.in/training>. (Nominations received from TIMS only are considered). 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,
Rajendranagar, Hyderabad, 500 030
Telangana, India
Email: academiccell@naarm.ernet.in; training.naarm@icar.gov.in.
Telephone: +91-40-24581327/319/310
Fax: +91-40-24581484/24015912/24581452

Programme Directors

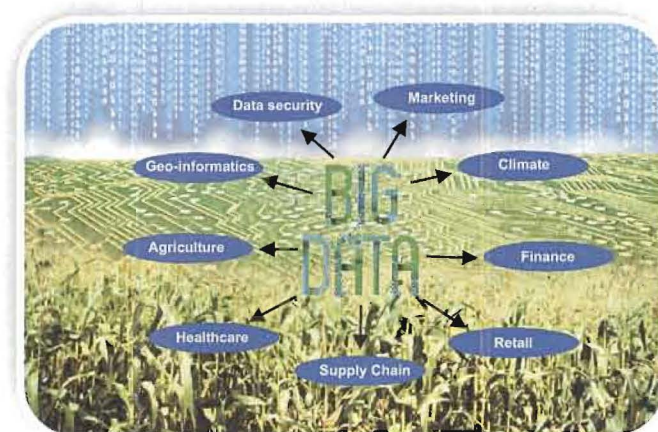
Dr S. Ravichandran, Principal Scientist
ICAR-National Academy of Agricultural Research Management
Telephone: +91-40-24581338
Fax: +91-40-24581452/+91-40-24015912
E-mail: ravichandran@naarm.ernet.in
s.ravichandran@icar.gov.in

Dr N. Sivaramane, Senior Scientist
ICAR-National Academy of Agricultural
Research Management
Telephone: +91-40-24581309
Fax: +91-40-24581452/+91-40-24015912
E-Mail: sivaramane@naarm.ernet.in
n.sivaramane@icar.org.in

icar-naarm

Training Programme on Big Data Analytics in Agriculture (Big Data Initiatives Division, DST Sponsored)

13-22, June 2016



Programme Directors

S. Ravichandran
N. Sivaramane



भाकृअनुप-राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी
राजेन्द्रनगर, हैदराबाद-500030, तेलंगाणा, भारत
ICAR-National Academy of Agricultural Research Management
(ISO 9001:2008 Certified)
Rajendranagar, Hyderabad-500030, Telangana, India
<http://www.naarm.ernet.in>; <http://www.naarm.org.in>



The ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad announces a training programme on “Big Data Analytics in Agriculture (BDI,DST Sponsored)” from 13-22, June 2016.

Background

Big data has evolved in a big way in the recent times and integrates the world of technology across industries. It develops capabilities to have huge repositories of data from various sources collecting it and translating that into actionable information to insightfully solve problems at scale and speed.

In agriculture sector where farmers and agribusinesses have to make innumerable decisions every day and intricate complexities involving various factors influencing them, agriculture has been an obvious target for big data. Environmental conditions, variability in soils, input levels and combinations and commodity prices have made it all the more relevant for farmers to use any information and get help to make critical farming decisions. Big data has been a key driver of the progress made in cutting edge technological interventions in farming like precision agriculture, automated farm machinery operations, etc. whereby farmers and agribusinesses are keen to use these big data resources at their disposal in the most efficient way and attempts to get maximum yields.

Objectives

- To sensitize the use of emerging Big Data techniques and tools in Agriculture and allied sectors in agricultural research.
- To equip the researchers with big data tools that help in analysis to take decision more effectively.
- To train the participants with hands-on exercises in Big Data Analytics.

Methodology and Content

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

Basics of Data Science and advanced data models; structures in data; Big Data Tools; Distributed and parallel computing using R; Analysing data, databases and operationalizing big data and Case studies in Big Data Analytics.

Programme Fee

There is no registration fee.

TA/DA and Lodging & Boarding

TA for non-local participants should be borne by their respective institutes. Else, TA will be paid by NAARM restricted to 3rd AC Train/Bus as per ICAR Rules. Lodging and boarding will also be paid by NAARM. Participants are requested not to bring any of your family members.

Programme Dates, Duration and Last Date for receiving nominations

13-22, June 2016 (10 days)

Participants are expected to arrive by the evening of 12 June 2016 and can leave after 1700 hrs on 22 June 2016.

Last Date: June 1, 2016

Who Should Attend?

Scientists, faculty members (Teachers/Trainers) and research managers from the institutes of the ICAR, State Agricultural Universities (SAUs), Krishi Vigyan Kendras (KVKs), other academic and research institutions, who have advanced knowledge of statistics, computers, remote sensing and GIS. The total number of participants will be 30.

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 take an auto-rickshaw or a car or a taxi. Hyderabad has a salubrious climate.