

### Boarding and Lodging

Participants will be provided rent-free accommodation, wholesome meals and refreshments. Local participants will be provided lunch and inter-sessions tea only.

### Travel

Hyderabad is well connected by air, rail and road from all parts of the country. One can reach NAARM located in Professor Jayashankar Telangana State Agricultural University by city bus route No 95A from Koti to Agricultural college bus stop, or 94H or 94R to Rajendranagar bus stop which are 1.5 kms from the Academy or by 95R which plies limited trips from Koti to Rajendranagar via NAARM Campus or by taxi / auto. Participants are advised to make their return reservations well in advance at their end.

### How to Apply

Interested candidates should register and apply online through 'Capacity Building Programme' (CBP) Portal as follows:

- Visit the website <http://www.naarm.org.in/training> and <http://www.iasri.res.in/cbp/> or click on Capacity Building Programme link under <http://www/icar.org.in>
- Login using your user ID and Password. To create user ID use "Create New Account" link.
- After login, click on "participate in Training" link and fill the Proforma. Take a printout and send duly signed copy through proper channel to the Course Director

Participants are advised to depart to Hyderabad only after the receipt of participation confirmation letter from Course Director.

**For further information about the programme please contact:**

#### Course Director

**Dr. M. Balakrishnan** (balakrishnan@naarm.ernet.in, Tel 040-24581317/ 09908933588)

#### Coordinators

**Dr. S.K.Soam** (soam@naarm.ernet.in, Tel 040- 24581348)

**Dr. P.D. Sreekanth** (pdsreekanth@naarm.ernet.in, 040-24581353)

#### Academic Cell

##### Officer In-charge, Training Cell

National Academy of Agricultural Research Management,  
Rajendranagar, Hyderabad – 500 030, Telangana State, India

Phone: 040-24015070 (O); Fax: 040-24015912

Email: trainingcell@naarm.ernet.in

icar-naarm

**ICAR Short Course**

**on**

## **Emerging Tools and Techniques for Agricultural Knowledge Communications**

**November 1-10, 2017**

**Sponsored by:**

**Indian Council of Agricultural Research, New Delhi**



**Course Director**

**Dr.M.Balakrishnan**

**Coordinators**

**Dr.S.K.Soam**

**Dr.P.D.Sreekanth**



**भाकृअनुप-राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी**

राजेन्द्रनगर, हैदराबाद-५०००३०, तेलंगाणा, भारत

**ICAR-National Academy of Agricultural Research Management**

Rajendranagar, Hyderabad-500030, Telangana, India

<http://www.naarm.org.in>



## Background

In the present era of technology led communication, the dissemination of agriculture knowledge faces certain challenges due to involvement of variety of stakeholders such as scientists, farmers, extension functionaries, inputs suppliers etc. A number of models of agricultural knowledge sharing and transfer have been developed but appropriate interventions are needed to be developed for effective and meaningful communication. At global level, various agricultural knowledge sharing platforms such as GODAN, CIARD, agINFRA etc. are being developed which may be utilized for effective agricultural knowledge communication. A comprehensive training programme has been designed. It encompasses a range of ICT mediated applications, data management tools, knowledge management initiative in ICAR and web based applications in a networked environment for the data sharing through open source knowledge management tools which will be very much useful to the ICAR/SAU Scientist.

## Objectives

- To upgrade the knowledge and skills of agricultural professionals for sharing of knowledge management process in research, education and extension organizations
- To bridge the existing gaps in knowledge generation, access, dissemination and applications for different clientele groups at national and global level.

## Content

Open access tools for agriculture knowledge communications; Blogs, database creation and databases and internet resources, ICT Role in Agriculture Knowledge Management, Geospatial Knowledge Management, CMS Content Management and E-learning, Expert System language, Biostatistics and Algorithms, VDSA, ODK (Open Data Kit) and data verse, Patent search databases, Bioinformatics and big data and cloud computing in agriculture, etc. Library information system, OERs and on line collaboration tools. Open source tools, social media and their applications.

## Pedagogy

The course will provide an excellent opportunity to have both theoretical and hands on experience and study visit to relevant organizations. The participants will have an opportunity to get more exposure in the area of knowledge communications. It will help to develop a platform for facilitating extraction, storage, retrieval, integration, transformation, visualization, analysis, dissemination, and utilization of knowledge in agriculture and allied sectors. This might necessitate extension of the class hours beyond the regular 0930 hours to 1630hours

## Duration and Venue

This course of 10 working days duration is offered during November 1-10, 2017. The participants are expected to arrive latest by the evening of October 31, 2017 and can leave after 1700 hrs on the last day of the programme. The programme will be held at the ICAR - National Academy of Agricultural Research Management, Rajendranagar, Hyderabad-500030. The programme is completely residential

## Eligibility

- The programme is mainly targeted at the entry and middle level NARES professionals including that of KVKs, who are actively involved in technology management
- Working not below the rank of Assistant Professor and equivalent in the concerned subject under Agricultural University / I.C.A.R. Institute

## Participants Selection

Maximum intake for the programme is 25 participants. As per the eligibility criteria, participant's selection would be based on first-cum-first basis. Selection of candidates is a matter of discretion of the competent authority of ICAR-NAARM. Participant's nomination from the respective heads of organizations does not entail confirmed participation in the programme. A formal confirmation letter indicating the selection of candidates will be sent by ICAR-NAARM a week after the last date for the receipt of nominations. Selected participants are expected to bring their present assignments pertaining to pattern communicating and managerial skills in technology management.

## Nominations

Nominations through proper channel may be sent so as to reach on or before October 10, 2017. The selected candidates will be intimated by 2<sup>nd</sup> week of October 2017 by email.

## Registration

There is no course fee, however a non-refundable registration fee of Rs.50/- (Rupees Fifty only) is to be paid by way of a DD/IPO (drawn in favour of ICAR Unit, NAARM payable at Hyderabad).

## TA and DA

Participants will be paid to and fro fare for journey performed by the shortest route by rail or bus or other means of transport. The payment will be made as per their entitlement but restricted to the maximum of AC II tier train fare. If any participant chooses to travel by Air, he/she may do so, but their claim shall be restricted to AC II tier train fare, provided they travel by Air India and book the tickets with ICAR code (095). Participants are required to produce a photo-copy of the rail / bus / air tickets (only by public transport) and original onward boarding pass for reimbursing the travel expenditure.