ICAR HRM

# Training

## 15 to 24 October, 2024

**Smart Digital Tools**

**For**

**Sustainable Agriculture**

Dr. N. Ravi Kumar
Dr. R. Nagarjuna Kumar
Mr. N. Showri Raju
Dr. V. Visha Kumari
Dr. Jagriti Rohit
Dr. K. Sreedevi Shankar

**ICAR-Central Research Institute for Dryland Agriculture**

Santoshnagar, Hyderabad - 500059

CRIDA

# Smart Digital Tools for Sustainable Agriculture

### Background

In the face of unprecedented challenges in the global agricultural landscape, smart farming powered by advanced technologies and data-driven solutions has emerged as a crucial driver of sustainable agriculture. This transformation of traditional farming practices enhances productivity, reduces environmental impact, and ensures food security. Smart digital tools are essential for creating a sustainable, efficient, and resilient agricultural industry, allowing farmers to manage resources more effectively and minimize waste.

### Objective

The main objective of this training course is to provide a learning platform on cutting-edge technologies for sustainable agriculture. Participants will have ample opportunity to interact with experts from the field of technology and gain hands-on experience.

### Target Participants

*Scientists of ICAR, State Universities, and other universities working in agriculture and allied disciplines.*

### Duration

10 days - from 15 to 24 October 2024

### Course Modules - Theory and Hands on

1. Overview of Smart Digital Tools for Sustainable Farming
2. Data Analytics - AI and ML
3. IoT in Agriculture - Data Collection and Management
4. Generative AI - Chatbot Development

### Training Fee

ICAR Participants.          .     : No Fee
Non-ICAR Participants.          : Rs. 5900/- including GST
*Fee may be paid after nomination confirmation*

### Mode of Payment

Payment can be made through NEFT (ICAR Unit-CRIDA, A/c No. 10114865123, IFSC SBIN0008026) or

UPI ID: ICAR1234@SBI

### Travelling and Daily Allowances

No TA/DA will be paid by the organiser.
It must be borne by the sponsoring institute only.

### Accommodation and Food

Boarding and lodging facilities for participants will be arranged on a payment basis at the ICAR-CRIDA Guest House. Working lunch will be provided by the organiser.

### How to Apply

Duly filled application's scanned copy should be sent to the Course Director via email given bellow. The last date for receipt of the application is 30th September, 2024. Selected candidates will be informed by 1st October 2024 through email. A maximum of 25 participants will be selected for the training.

**Email: smartdigitaltools2024@gmail.com**

### Last date for Applying

**30 September, 2024**

### For Further Infomation

Course Director

Dr. N. Ravi Kumar, Principal Scientist (Com. Appl. in Agri.)
ravi.nakka@icar.gov.in; 9441245510

Course Coordinators

Dr. R. Nagarjuna Kumar, Principal Scientist (Com. Appl. in Agri.) rn.kumar@icar.gov.in; 9390288999
Mr. N. Showri Raju, Senior Scientist (Com. Appl. in Agri.) ns.raju@icar.gov.in; 8125537524
Dr. V.Visha Kumari, Scientist (Agronomy) V.Visha@icar.gov.in
Dr. Jagriti Rohit, Scientist (Agril. Extension) jagriti.rohit@icar.gov.in;
Dr. Sreedevi Shankar, Principal Scientist (Food and Nutrition) k.sreedevishankar@icar.gov.in

ICAR-CRIDA QR Code

## ICAR-Central Research Institute for Dryland Agriculture

Santoshnagar, Hyderabad - 500059

# Smart Digital Tools for Sustainable Agriculture
*15 – 24 October 2024*

| | | |
|---|---|---|
| 1. Full Name (in block letters) | : | |
| 2. Present Scientific position held | : | |
| 3. Discipline | : | |
| 4. Date of birth and Gender | : | |
| 5. Name of the Organization | : | |
| 6 Address | : | |
| 7. E-mail ID | : | |
| 8. Mobile Number | : | |
| 9. Is applicant ICAR employee | : | Yes    /    No* |

*Non-ICAR candidate training fee has to be paid after nomination confirmation*

It is certified that, the  information given above is correct

**Signature of the Applicant with date**

The particulars given by the applicant are correct and the nomination is recommended

**Signature of the Forwarding Authority with date**

**Signature of the Sponsoring Authority**

Official Stamp