

## ICAR Sponsored Winter School



On



### Sustainable organic production practices – an approach to mitigate climate change and rural livelihood security

**1 to 21<sup>st</sup>, December 2017**

**Sponsored by**

**Indian Council of Agricultural Research  
New Delhi- 110 012**



**Course Director**

**Dr. N. DEVAKUMAR**

**Organized by**

**University of Agricultural Sciences  
GKVK, Bangalore- 560 065**

## *Background*

Organic farming is attaining importance globally and it is being mainstreamed in Indian perspective considering the historical back up and potentiality. Most of the teaching and research organizations / institutions have included the organic farming in their curriculum and also as a focussed research agenda. In view of this, the myth on organic farming needs to be addressed and their understanding on organic farming. Indian agriculture dominated with rainfed ecosystem disturbed with climate change impacts in terms of weather aberrations specially the rainfall distribution. The soils in the country are pushing towards ill health conditions owing to imbalanced nutrition and mismanagement of natural resources. Raising concern on food quality of the modern agricultural products is also raising apprehension in Indian situation. The distressed climate, soil health and food quality issues demand special management with traditional approach for Indian agriculture besides attaining food and nutritional security. The effects of climate change, soil health and food quality issues could be addressed through sustainable natural resource management practices. Among which organic farming stands in the fore front. Hence, there is a need to upgrade human resources through enhancing the capabilities on organic farming.

The University of Agricultural Sciences, Bengaluru is one of the pioneers in research, education and development of organic systems with required human resources, dedicated research and demonstration blocks, bioinoculants production units, well equipped laboratories and other infrastructure facilities. In view of this, the proposed training programme would provide a greater opportunity to enhance capability of teachers, researchers and extension personnel's engaged in SAU's, ICAR

institutes and other related organizations to upgrade their knowledge.

Keeping all these in view, ICAR sponsored short course on “**Sustainable organic production practices – an approach to mitigate climate change and rural livelihood security**” is being organized from 01 to 21<sup>st</sup> Dec, 2017 for 21 days at the Research Institute for Organic Farming, UAS, GKVK, Bengaluru- 560 065, Karnataka, India.

## *Objectives*

- ❖ Strengthen knowledge on impact of climate change and modern agricultural practices on soil health and sustainability in Indian agriculture.
- ❖ Disseminate the information on the organic agriculture and strategies for developing sustainable organic production practices
- ❖ Exposure to the participants on recent advances in organic agriculture practices
- ❖ Capacity building in the field of resource generation options for organic agriculture

## *Course content*

- ❖ Organic farming scenario and its prospects in India and World
- ❖ Principles and practices of organic agriculture
- ❖ Organic farming and climate change
- ❖ Resource generation strategies for organic farming
- ❖ Biodynamic farming, Permaculture, Homa farming and Rishikethi farming as eco-friendly practices
- ❖ Integrated farming system approach in organic farming

- ❖ Organic livestock farming
- ❖ Organic certification
- ❖ Extension strategies for promotion of organic farming
- ❖ Organic farming policies

### ***About the host Institute***

The University of Agricultural Sciences, Bangalore was established in 1964, is one of the premier institutes in the country and celebrated its Golden Jubilee in 2013-14. The University is well known for its higher academic standards, research achievements and transfer of technologies. The University has sub campuses at Mandya, Hassan and Chintamani and has 13 research stations, 33 All India Co-ordinated Research Projects, 2 Extension units, 7 KVK's and an ATIC centre. In 2001, the University was recognized as the best Agricultural University in India by the Indian Council of Agricultural Research. In 2008, it was ranked third among the best State Agricultural Universities. It was conferred with Sardar Patel Outstanding ICAR Institutional Award for excellence in teaching, research and extension in 2001 and 2012 and has received highest number of Junior Research Fellowships (2015 & 2016). There are several ICAR, DBT, DST and other state funded projects with International level laboratories and field facilities with excellent infrastructure amenities. The University has a well established Research Institute for Organic Farming (RIOF) with state of art laboratories, field facilities where the commercial organic agriculture activities are running in full swing.

### ***Duration***

01 to 21<sup>st</sup> Dec, 2017 (21 Days)

### ***Eligibility***

The short course is designed for the scientists working in Teaching, Research and Extension under SAUs/ ICAR institution, Deemed Universities, Central Universities and other ICAR/ SAU organization related to Agricultural Sciences for those working in Assistant Professor or above cadre.

### ***Application Procedure***

The interested teachers / scientists should apply through CBP portal <http://www.iasri.in/cbp> or click on capacity building programme under [www.icar.org.in](http://www.icar.org.in). The application should be filled online only. The filled in application should be approved by their competent authority and should be uploaded in the CBP portal. The approved copy along with the postal order of Rs. 50/- payable in favour of 'Course Director' (non- refundable registration fee) has to be sent to the Course Director through surface mail or speed post.

### ***Boarding, Lodging and Travel***

Free lodging and boarding facilities will be provided to the participants in the Training Hostel of the University. The participants should abide by the UAS(B) rules. TA to the participants will be paid as per their entitlement for class of travel restricted to the maximum AC-III train fare or bus as the case may be on the production of original receipt/ticket from the shortest route.

### ***How to reach the venue***

The University of Agricultural Sciences, Bengaluru is located on Bengaluru - Hyderabad National Highway No.7 with its headquarters at GKVK which is 14 km from Bengaluru city

railway station / Central bus terminal (Majestic) and 21 km from Kempegowda International Airport, Bengaluru.

### ***Important Dates***

Last date for receiving application: 15-11-2017

Intimation to selected candidate: 20-11-2017

Confirmation from selected candidate: 25.11.2017.

### ***For Further Details – Contact***

#### ***Course Director***

**Dr. N. Devakumar**

Dean (Agri),

College of Agriculture, Hassan 573225, UAS(B)

E mail ID: [ndevakumar@yahoo.com](mailto:ndevakumar@yahoo.com)

Contact No.: 9449866923, 9480037879

#### ***Course Coordinators***

**Dr. K. Murali**

Professor, AICRP on Pigeonpea

UAS, GKVK, Bengaluru- 560 065

E mail ID: [muralikariyappa@yahoo.co.in](mailto:muralikariyappa@yahoo.co.in)

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**Dr. B. Boraiah**

Associate Professor of Agronomy

UAS, GKVK, Bengaluru- 560 065

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Application Form  
ICAR- WINTER SCHOOL

**“Sustainable organic production practices – an approach to  
mitigate climate change and rural livelihood security”**

(01-21<sup>st</sup> December 2017)

1. Full Name (in BLOCK Letters):.....

2. Designation:.....

3. Present employer and address:.....

4. Address to which reply should be sent (in BLOCK  
Letters):.....

Mobile: .....

E-mail:.....

5. Permanent Address:.....

6. Date of Birth: .....

7. Sex (M/F):.....

8. Teaching/research/professional experience

Sl. No.	Post held	Period with Dates

9. Marital status (Married/Unmarried):.....

10. Mention if you have participated in any seminar,  
summer/winter school/short course etc. during the previous  
years under ICAR/ other organizations:.....

11. Postal Order/DD No. ....Dated.....of Rs.50/- (NON-  
REFUNDABLE) for registration of application (in favour  
of Course Director)

12. Academic record: (Degree onwards)

Examination	Subject	Examination	Year	Division	University Passed
Bachelor					
Master					
Doctorate					
Post-Doc					

Signature of the applicant with date & place

13. Recommendation & Certificate of sponsoring Institute

Signature with date, designation & address  
(Office Seal)