



## Announcement

### ICAR Sponsored Summer School

On

#### Recent innovations in management of organic production systems

(05 – 25 August, 2016)

#### Organized by

Division of Agronomy  
ICAR-Indian Agricultural Research Institute  
New Delhi 110 012

#### Sponsored by

Education Division  
Indian Council of Agricultural Research  
KAB-II, New Delhi 110 012



### Application form for Participation in Summer School

(To be sent to the Course Director/Coordinator of Summer School concerned and not to the Indian Council of Agricultural Research)

Institute \_\_\_\_\_ at \_\_\_\_\_.

1. Full name (in block letters):
2. Designation:
3. Present employer and address:
4. Address for correspondence (Give E-mail, Tel. / Mobile No.):
5. Permanent address:
6. Date of birth:
7. Sex: Male/Female
8. Marital status: Married/unmarried
9. (a) Teaching/research/professional experience (Mention posts held in last 5 years):  
(b) Present area of research and number of publications:
10. Mention if you have participated in any Summer/ Winter School/ Short Course etc. during previous years under ICAR / any other organization (Give details of course, organizers, duration/ dates/ year etc.):
11. Registration fee of Rs. 50/- (DD/Postal Order No..... dated..... (in favour of Director, ICAR-IARI, New Delhi) (Non-refundable)
12. Academic record (Indicate in tabular form examinations passed from B.Sc. degree onwards, Main subjects, Year of passing, Class / rank / distinction, University / Institution, Other information):
13. Relevance of training to applicant's present academic and research activities:
14. Signature of applicant (indicate name of place and date):
15. Recommendation of the forwarding Institute (Signature with date, designation / address):

#### CERTIFICATE

It is certified that the above information was furnished as per the office record and was found correct.

(Signature and Designation of the sponsoring authority)

#### How to apply?

Application for participation in the Summer School may be made in the prescribed format as given herewith and forwarded by the competent authority of the SAU/ICAR Institute where the candidate is employed. Applicants may send an advance copy if they anticipate delay in forwarding through proper channel. However, the final selection will be made only if the application duly recommended by the competent authority is received, which must not be later than one week after the closing date. The closing date for receipt of applications is **05.07.2016**. The selected candidates will be intimated by **10.07.2016**.

*After the candidates are intimated of their selection, they should immediately reply with firm acceptance. Cancellation at the last moment for casual reasons after acceptance will be regarded as a serious breach of ethical conduct since it may deprive other eager candidates who could have availed of the opportunity.*

#### For more information Contact

Dr Dinesh Kumar, Course Director  
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Dr Y.S. Shivay, Course Coordinator  
ysshivay@gmail.com

Dr S.L. Meena, Course Coordinator  
dr\_slmeena@yahoo.co.in

#### Applications may be sent to:

Dr Dinesh Kumar  
Course Director  
Division of Agronomy  
ICAR-Indian Agricultural Research Institute  
New Delhi 110 012  
Telephone No.: 011-25841488(O)  
Fax: 011-25482283  
Mobile: 09968233749  
dineshctt@yahoo.com; dinesh\_agro@iari.res.in

Detailed information is also available at:  
<http://cbp.icar.gov.in/> and <http://www.iari.org>

## About the Summer School

During the past decades, agricultural development focused mainly on short-term gains in productivity, which has been based on external inputs resulting in neglect and improper use of local resources. This has caused severe damage to soil health and environment. Further, the income from conventional agriculture is either declining or stagnant. These changes have opened new vistas for a change in farming practices. Organic farming of selected commodities appears to be a good alternative in certain farming situations.

Evidences suggest that organic systems help to improve and sustain the productivity and quality of farm produce besides protecting the soils and the environment. There is sound evidence that productivity of organic systems can be brought to the level of conventional systems or even higher by adopting proper package of practices. Adoption of proper crop rotations which include legumes, diversified nutrient management practices, efficient soil and water management practices, proper weed management and effective control of insect-pests and diseases through available tools and approaches.

The basic objective of the course is to acquaint the participants with the latest issues and recent innovations in organic production systems. This course would offer the theory and practical oriented understanding of the technologies for improving production and quality of organic produce. This will help the participants to understand management strategies better for their future planning of research, teaching and extension in organic agriculture.

### Location and Climate

The ICAR-Indian Agricultural Research Institute, popularly known as 'Pusa Institute', is the country's premier institution for research and higher education in the field of agricultural sciences. The primary mission of the Institute is to explore new frontiers of science and knowledge and develop human resources to provide leadership to the country in technology development and policy guidance. The Institute

conducts basic and strategic research, serves as a centre for academic excellence, and provides national leadership in agricultural research, education and extension through development of new concepts, hypotheses and technologies.

The Division of Agronomy is one of the oldest Divisions of ICAR-IARI, and is engaged in teaching, research, extension and training activities since pre-independence times. It has contributed significantly in developing improved production technologies, which ushered green revolution in Indian agriculture. The Division is adequately equipped with modern infrastructure for carrying out high quality teaching and research leading to development of environmentally-sound and economically-viable agronomic technologies.

The ICAR-IARI is located about 8 km west of New Delhi railway station and 10 km from the Maharana Pratap Inter-State Bus Terminus (ISBT). The weather during proposed Summer School training duration is expected to be pleasant and comfortable with temperatures between 24<sup>0</sup>C and 35<sup>0</sup>C in Delhi.

### Course Contents

The core topics of the training programme are:

- Principles and practices of organic farming for sustainable crop production
- Recent development in organic nutrition and nutrient management options
- Legumes in organic crop rotations
- Soil health/quality under organic systems
- Preparation of compost and other organic manures and their quality testing
- Role of biofertilizers in organic production systems
- Certification of organic products
- Diseases, pests and weed management in organic field crops
- Marketing of organic products
- Analysis of pesticide residues in soils, food and plants
- Management of nematodes in organic farming

- Educational opportunities in organic farming
- Productivity and economics of organic crop production
- Processing and labelling of organic products

### Eligibility

This Summer School is meant for active researchers / teachers/ scientists in ICAR Institutes/ SAUs / Agricultural colleges in the rank of Scientists/ Asst. Prof. or above in the field of Agronomy/ Soil Science/ Agricultural Physics /Plant Physiology/ Entomology/ Plant Pathology/ Organic agriculture or any other related disciplines like Agroforestry, etc. A maximum of 25 participants will be selected for the course by the screening committee as per the ICAR guidelines. The decision of the selection committee will be final and no correspondence in this regard will be entertained for non-selected candidates.

### Travel, Boarding and Lodging

Participants will be paid travel (to and fro) fare by rail (Restricted to AC-III tier) or by bus as per their entitlement. Actual TA for the shortest route will be paid on production of the tickets. Participants are requested not to bring their spouse or any family members as there is no scope for their accommodation. If you still want to bring them then you yourself need to arrange their accommodation outside ICAR-IARI campus at your own cost. Participants are requested to make his/her own arrangement of transport to reach at ICAR-IARI. Free shared accommodation in the Sindhu Guest House of the Institute and free boarding (food) will be provided to the selected candidates during the training programme. However, candidates should not expect luxurious and expensive food as our hands are tied due to financial constraints. You are also expected to live in shared accommodation. The local candidates are not eligible for boarding and lodging, however, they will be provided local hospitality (lunch, tea, snacks etc.).