



Announcement



ICAR Sponsored 21 days' Winter School

On
Recent innovations in natural farming and organic production systems for sustainability
(05-25 January, 2024)



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

How to apply?

The application is to be filled and submitted online by accessing the website <https://cbp.icar.gov.in/>. All kinds of instructions related to application are available on this link. You should also remember that your need to take approval of the competent authority of your Institution/ University/ College for application in advance. The final selection will be made only if the application duly recommended by the competent authority is received. The approval (scanned copy) of the competent authority may be sent by email to the Course Director. The closing date for receipt of applications is 22.11.2023. The selected candidates will be intimated by 30.11.2023.

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 candidates who could have availed of the opportunity.

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About the Winter School

Farmers are, in general, not contented with their current farm income. The decrease in income is generally associated with the inefficient marketing of farm produce and the decline in factor productivity. Biodiversity is steadily decreasing due to the adoption of conventional methods in agriculture. Residues of pesticides and other toxic chemicals are being found in many foods produced by conventional farming. Climate change remains an important concern these days. Due to changes in climate, human livelihood could be adversely affected. The frequency of floods and droughts is expected to increase in future. Therefore, the need is to bring changes in crop management in the light of existing climate changes. Organic farming can play an important role in this direction.

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.

The basic objective of the course is to acquaint the participants with the latest issues and recent innovations in natural and 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 farming.

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, hypothesis and technologies.

The Division of Agronomy is one of the oldest Divisions of ICAR-IARI, and is engaged in teaching, research, extension and human resource development 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 Winter School training programme is expected to be cold in New Delhi.

Course contents

The core topics of the training programme are:

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

Eligibility

This Winter School is meant for active researchers/ teachers/ scientists in ICAR Institutes/ State AUs / CAU/ Agricultural faculty of AMU, BHU, Vishwa Bharti, Nagaland University and other similar Institutions in India in the cadre of Assistant Professors or equivalent and above in the field of Agronomy/ Soil Science/ Agricultural Physics /Microbiology/Horticultural Sciences/ Post-Harvest Technology/ Plant Protection/ Organic agriculture and 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, lodging and boarding

Participants will be paid for the journey, to and fro, restricted to AC-II tier train fare or bus or any other means of transport in vogue, as the case may be. 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. Participants are requested to make their own arrangement of transport to reach at ICAR-IARI, Pusa, New Delhi. Free lodging and boarding will be provided to the selected candidates during the training programme in the Sindhu Guest House of the Institute. You are also expected to live in shared accommodation. The local candidates are not eligible for boarding and lodging, however, the local hospitality (lunch, tea, snacks etc.) will be provided to them.

IMPORTANT DATES

Start date to fill online application: 03-11-2023

Last date of online application: 22-11-2023

Intimation to the selected candidates: 30-11-2023

