



Winter School Training Programme on

**Good agricultural practices for
doubling farmer's income and
enhanced resource use efficiency**
(December 11-31, 2018)

Sponsored by
INDIAN COUNCIL OF AGRICULTURAL
RESEARCH, NEW DELHI

Course Director:
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Course Coordinators
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**DIVISION OF AGRONOMY
ICAR-INDIAN AGRICULTURAL
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NEW DELHI-110 012**

Background

Good Agricultural Practices (GAPs) enables the plant to respond in better way for the inputs. In fact, GAPs ensure economic and social sustainability for on-farm processes and result in safe and quality food and non-food agricultural products. In the era of declining factor productivity and degradation of natural resource base of agricultural production system, there is an urgent need to develop GAPs. The transfer of GAPs to the farmers' field is the only option to achieve the goal of sustainable use of natural and man-made resources. This will also help in enhancing sustainable agricultural productivity on long-term basis. The present training on GAPs includes almost every aspect of farm operations for efficient use of farm resources. The better understanding of these practices will led to quality outcome from field operations in terms of high productivity and better resource-use efficiency. Doubling farmers' incomes is the flagship scheme of Government of India. Under present scenario of numerous resource- and production-vulnerabilities besides climate change, the GAP's will help to meet these challenges and has great potential in raising the farmers' incomes and employment generation, minimizing the risks in farming and enhancing the resource use efficiency, thus, leading to sustainable agriculture.

Course Content

The course is consisted of all aspects of the good agricultural practices pertaining to agriculture and allied activities. Keeping focus on the sustainable crop production, suitable good agricultural practices right from field preparation to harvesting and storage will be discussed. Special emphasis will be on good agricultural practices which ensure higher input/resource use efficiency, enhanced agricultural productivity and farm profitability. Lectures are framed on different topics ranging

from basic to advance good agricultural practices. Deliberation will be made on different aspects of GAPs including the main issues and opportunities for Indian agriculture, present status of good agricultural practices in India, practical aspects of seed and sowing seed priming precision planting techniques using improved farm machinery, GAPs for direct seeded rice cultivation, GAPs for zero-till wheat and other crops, residue management options for higher yield and profits, efficient nutrient and management options for higher efficiency in different cropping systems, the participants will be exposed to modern tools like Nutrient-Expert based fertilizer application in rice, wheat and maize, GAP's for Integrated Farming systems (IFS), importance & concept, procedures and methodologies for IFS will also be part of this winter school. Apart from these, precision input delivery up to end-users, live demonstrations, field visits, and integrated farming systems for sustainable livelihood security will be the major focus of the training.

Training objectives

- To impart training on good agricultural practices for enhancing productivity and profitability
- To provide practical orientation of advanced tools and techniques used for efficient crop management.

Course duration: December 11-31, 2018

Eligibility

This Winter School is meant for active researchers / teachers/ Scientists in SAUs /ICAR Institutes in the field of Agronomy/Soil Science/Environmental Sciences /Agricultural Extension/Agricultural Economics/ Agricultural Engineering/ Soil Water Conservation/Horticulture or any other related disciplines like Agroforestry, and Home Sciences. The total number of participants shall be strictly

limited to 25. The application will be considered on the basis of first-come-first serve till last date.

Boarding and Lodging

The boarding, lodging and travel expenses of the selected participants will be met from ICAR fund as per norms. Participants will be paid to and from fare for journey by train (2nd AC) or bus or other means of transport in vogue as the case may be. Actual TA will be paid on production of a certificate by the participants. The participants will be provided shared accommodation in the guest house of the Institute.

How to reach

Indian Agricultural Research Institute popularly known as "Pusa Institute" is located at Pusa in East Patel Nagar about 10 km from Maharana Pratap ISBT, 8 km west of New Delhi Railway Station and about 16 km east of Indira Gandhi International Airport. Pre - paid taxi/auto can be available at railway /airport/bus stations to reach at IARI, Pusa Campus, New Delhi.

About IARI

Indian Agricultural Research Institute (IARI), is a premier research and educational institution in 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. IARI 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 the 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 for sustainable high productivity of cropping systems involving cereals, pulses, oilseeds and vegetables.

Please send nomination to

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How to apply?

Application for participation in the Winter 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 before the commencement of the training.

After the candidates are informed for their selection, they should immediately send their acceptance for smooth conduct of training programme of interested participants.

Training programme

On

Good agricultural practices for enhancing resource use efficiency and farm productivity
(December 11-31, 2018)

APPLICATION FORM

1. Name:
2. Designation:
3. Present employer and address:
4. Correspondence address:
Fax:
E-mail:
Mobile:
5. Date of birth:
6. Sex: Male/Female
7. Marital status:
8. Work experience: () years
9. Educational qualifications:
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.):

Recent
photo

Date:

Place:

Signature of the applicant

Recommendation of the Forwarding Authority

Date:

Signature

Name & Designation