INFORMATION BROCHURE

ICAR-SPONSORED TRAINING PROGRAMME

ON

Innovative climate smart and environment friendly package of practices for better resource use efficiency and profitability

01 December - 15 December 2026

Course Director
Dr. Ramanjit Kaur, Principal Scientist

Course Coordinators
Dr. SL Meena, Principal Scientist
Dr. RS Bana, Principal Scientist
Dr. Mona Nagargade, Scientist



DIVISION OF AGRONOMY
ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI 110 012

Application form for participation in training program

(To be sent to the Course Director/Coordinator of the Training Program)

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. Registration fee of Rs. 50/- (DD/Postal Order No…… dated…… (in favour of Director, ICAR-IARI, New Delhi) (non-refundable)
10. Relevance of training to applicant's present academic and research activities:
11. Signature of applicant (indicate name of place and date):
12. 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 Training Program 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. 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 **10.11.2026.** The selected candidates will be intimated by **20.11.2026.**

About the Training Program

The 15-day ICAR-sponsored training programme aims to enhance participants' knowledge and skills on innovative climate-smart and environmentally friendly crop production practices for improving resource use efficiency and farm profitability. The programme will cover conservation agriculture, precision nutrient and water management, integrated weed management, soil health, crop residue management, digital agriculture, remote sensing, weather-based crop management, and precision farming tools. It will include expert lectures, practical sessions, field demonstrations, and exposure visits to promote sustainable and climate-resilient agricultural production systems.

Location and Climate

The ICAR–Indian Agricultural Research Institute (ICAR-IARI), New Delhi, popularly known as the Pusa Institute, is India's premier institution for agricultural research, education,

and extension. The Institute is dedicated to advancing agricultural science through innovative research, human resource development, and the development of technologies and policies that promote sustainable agricultural growth. The **Division of Agronomy**, one of the oldest divisions of ICAR-IARI, has played a pioneering role in teaching, research, extension, and capacity building. It has made significant contributions to the development of improved crop production technologies, including those that supported the Green Revolution in India.

ICAR-IARI is located about **8 km from New Delhi Railway Station** and **10 km from the Maharana Pratap Inter-State Bus Terminus (ISBT)**. During the training period (1–15 December), Delhi experiences cool winter weather, with temperatures generally ranging between **5°C and 15°C**.

Course Contents

The course content has been designed to provide comprehensive knowledge on innovative climate-smart and environmentally friendly agricultural practices for enhancing resource use efficiency and farm profitability. The programme will cover climate change and its implications for agriculture, climate-resilient crop production technologies, conservation agriculture, precision nutrient and water management, integrated weed, pest and disease management, soil health management, crop residue recycling and management, crop diversification, and sustainable cropping systems. Special emphasis will be given to emerging technologies such as digital agriculture, remote sensing, GIS, drones, sensors, decision-support systems, and precision farming tools for efficient input use. The training will also address weather-based crop management, resource conservation technologies, carbon sequestration, greenhouse gas mitigation, and strategies for improving productivity under changing climatic conditions. The course will be delivered through expert lectures, practical exercises, field demonstrations, laboratory visits, group discussions, and exposure visits, enabling participants to gain both theoretical understanding and hands-on experience for promoting sustainable, climate-resilient, and profitable agricultural systems.

Eligibility

The training programme is intended for technical personnel working in ICAR Institutes, State Agricultural Universities (SAUs), Agricultural Colleges, and other organizations engaged in agricultural research, education, and extension. Professionals from the disciplines of Agronomy, Soil Science, Agricultural Physics, Plant Physiology, Entomology, Plant Pathology, Organic Agriculture, Agroforestry, and other related fields are eligible to apply. A maximum of **25 participants** will be selected by the Screening Committee in accordance with the ICAR guidelines. The decision of the Selection Committee shall be final, and no correspondence regarding the selection or non-selection of candidates will be entertained.

Travel, Boarding and Lodging

Boarding and lodging expenses of the selected participants will be met from the funds provided by ICAR, as per the prevailing norms and operational guidelines for organizing HRM training programmes. Travelling Allowance (TA) will be admissible for the shortest route between the participant's place of duty and the training venue, and the expenditure will be borne by the sponsoring organization/parent Institute. Participants will be provided shared accommodation in the Institute's Sindhu Guest House or other designated guest house, subject to availability.

Correspondence should be directed to:

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For more information, please contact

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