

PRESS RELEASE

Skill Development Course on Greenhouse, Hydroponic and Aeroponics Concludes at ICAR-IARI

New Delhi, 14 March 2026: Centre for Protected Cultivation Technology (CPCT), ICAR-IARI, New Delhi successfully organized a Three-Month Skill Development Course on “Greenhouse, Hydroponic and Aeroponic Farming” from 15 December 2025 to 14 March 2026. The programme aimed to provide technical knowledge and hands-on training in modern protected cultivation technologies while promoting entrepreneurship and employment opportunities in advanced agriculture.

The course was sponsored by the The Graduate School, ICAR-IARI, New Delhi. A total of 15 participants from different parts of the country enrolled in the programme. The course was conducted over a period of three months with approximately 90–100 teaching hours comprising both theoretical and practical sessions. The programme was designed to provide participants with practical exposure to protected cultivation technologies through demonstrations, field visits, and hands-on training.

The comprehensive curriculum covered various aspects of protected cultivation including greenhouse crop production techniques, hydroponic and aeroponic farming systems, nutrient and climate management, and pest and disease management strategies. Participants were also provided with practical demonstrations and field-based learning opportunities to strengthen their understanding of modern soilless cultivation systems and controlled environment agriculture.

Dr Ch. Srinivasa Rao, Director, ICAR-IARI, graced the Valedictory Function, held on 13 March 2026, as the Chief Guest, while Dr Anupama Singh, Joint Director (Education) & Dean, ICAR-IARI, attended as the Guest of Honour.

In his address, Dr. Rao appreciated the efforts of CPCT in organizing skill-oriented training programmes that strengthen capacity building in modern agriculture. He highlighted that protected cultivation technologies such as greenhouse farming, hydroponics, and aeroponics are becoming increasingly important in ensuring sustainable agricultural production under changing climatic conditions. He emphasized that these technologies enable efficient use of water, nutrients, and space, and have significant potential for enhancing productivity, improving crop quality, and supporting year-round cultivation.

Dr. Anupama Singh also appreciated the initiative and emphasized the importance of promoting skill-based agricultural education and training programmes that help bridge the gap between scientific advancements and their practical application in the field. She encouraged the participants to apply the technologies learned during the course for developing successful agri-enterprises and promoting modern farming practices in their respective regions.



