21 Days Winter School

On

"Recent Advances in Protected Cultivation: A Scientific Way towards Viksit Krishi Sankalp"
(RAPC-2026)

(Through Online Mode)
04 to 24 March, 2026

Organized by

Centre for Protected Cultivation Technology
ICAR-Indian Agricultural Research Institute,
Pusa, New Delhi

&

National Agriculture Development Cooperative Ltd. (NADCL)
Baramulla, J & K

Registration Link:

https://forms.gle/Uzwq5empGyH5nehr8

(website: www.nadclag.in / email: naagdevcoopltd2018@gmail.com / Contact No. 9469951802/6006223558)

ABOUT HOST ORGANIZATION

ICAR-Indian Agricultural Research Institute, Pusa, New Delhi, is a self-contained sylvan complex spread over an area of about 500 hectares (approx. 1250 acres). It is located about 8 km (5 miles) west of New Delhi Railway Station and about 16 km (10 miles) east of Indira Gandhi International Airport at Palam. The location stands at 28.080N and 77.120E, the height above mean sea level being 228.61 metres (750 feet). It is adjacent to hill side road. The climate is sub-temperate and semi-arid. The mean maximum daily temperature during the hot weather (May-October) ranges from 32.20C to 400C and the mean minimum temperature from 12.20C to 27.50C. June to September is rainy months during which about 500 mm of rainfall is received. Winter sets in from mid-November and is delightful. The mean maximum temperature during winter (November-March) ranges from 20.10C to 29.10C and the mean minimum temperature from 5.60C to 12.70C. During winter, a small amount of rainfall (about 63 mm) is received. The Institute has 20 divisions 5 multi-disciplinary centres situated in Delhi, 8 regional stations, 2 off-season nurseries, 3 All India coordinated research projects with headquarters at IARI and 10 national centres functioning under the all India coordinated research projects. It has a sanctioned staff strength of 3540 comprising scientific, technical, administrative and supporting personnel.

ICAR-Centre for Protected Cultivation Technology, the ICAR-Centre for Protected Cultivation Technology (CPCT) is a unit of the ICAR-Indian Agricultural Research Institute (IARI) located in New Delhi, which specializes in developing and standardizing technologies for protected cultivation. This includes research on high-tech nurseries, climate-controlled greenhouses, net houses, and advanced irrigation systems for horticultural crops like vegetables and flowers. The center provides technical support, training, and demonstration facilities for farmers and stakeholders to promote modern, sustainable agricultural practices.

National Agriculture Development Co-operative Ltd. (NADCL) Baramulla (J & K) was established under Self Reliant Co-operative Act, 1999: under Ministry of Cooperatives with a mission to promote, disseminate and mutual exchange of scientific information on Agricultural Science among the scientific diaspora and stakeholders. The NADCL was primarily established to serve as a bridge for communication between agriculture scientists, extension workers and farmers. Blending of the influences of these three brings an effective result in the doubling of farmer's income. In this context NADCL already organized a number of awareness programs, international conferences and national training courses; individually as well as in collaboration with State Agriculture Universities and also with various institutes of ICAR.

Background

With regard to protected cultivation the scientific way towards viksit krishi sankalp includes research and standardization, training and demonstration, technology development, specific technologies, publications, advisories and infrastructure like greenhouses, net houses, drip irrigation systems, and a packaging/training venues, development of high yielding varieties resistant to insects, pests and adverse climatic conditions, development of package of practices suitable to present scenario of climate change.

In context of the above 21 Days Winter School on "Recent Advances in Protected Cultivation: A Scientific Way Towards Viksit Krishi Sankalp" (RAPC-2026) will be organized to aware the faculty members, scientists, research scholars, officers of development departments as well as field officials/extension workers particularly in agriculture, horticulture, forestry, fisheries, veterinary and animal husbandry areas about how to develop and refine technologies for protected cultivation, including the use of advanced structures like climate-controlled and naturally ventilated greenhouses and insect-proof net houses. Provide hands-on experience and knowledge to farmers and other stakeholders on various aspects of protected agriculture, horticulture and allied sectors. The winter school will focus on improving input-use efficiency and sustainability in

food production through the integration of protected cultivation with precision farming techniques. The winter school will also focus on how to promote and develop technologies such as soilless cultivation, organic vegetable production, biological pest and disease management, and vertical farming. In the winter school there will be discussion on how to disseminate the findings through publications, video films, and field visits to promote the adoption of protected cultivation practices across the country.

Resource Persons

The experts from ICAR Institutes, State Agriculture Universities and Central Universities will cover relevant topics through lectures, audio – video presentations, and group discussion. The details of the lectures and their schedule will be given separately.

Participants & Eligibility: This 21 Days Winter School (RAPC-2026) is open to scientists, teachers, research scholars, KVK subject matter specialists, field professionals, PG/Ph.D. students as well as academician.

Important Date:

Last date for receipt of application form:	28-02-2026
Intimation of selection:	02-03-2026
Confirmation about participation:	03-03-2026
Commencement of programme:	04-03-2026

Venue: The 21 Days Winter School (RAPC-2026) will be organized through virtual lecture/class (Online Mode).

Requirement for Training:

The aspirants should be proficient in the following:

- Basic computer skills.
- Sending/receiving email
- Sending and receiving attachments via email.
- Using a web browser.
- Finding web resources through search engines.
- Downloading and installing software and/or viewing electronic files.
- Familiarity with using browser plug-ins (e.g., PDF reader, video, audio).
- Using word processing, presentation software, or other productivity applications.
- Experience/familiarity with a variety of file formats such as: .rtf "Rich Text Format", .doc or .docx "Microsoft Word Document", and .txt "Text document".
- The ability to be self-directed in learning new technology skills (for example, following a handout, a step-by-step tutorial, online video help, or access to support to learn necessary skills).

Mode of Participation:

The 21 Days Winter School (RAPC-2026) will be organized in 4 quadrants i.e.,

1. Lecture through video conference,
2. Preparing delivered material that can be downloaded /printed,
3. Self-assessment tests through google classroom assignment/tests/quizzes,
4. An online discussion forum for clearing doubts.

The above cited steps have to be taken to enrich the learning experience by using audio-video and multi-media state of art pedagogy/technology. In order to ensure that best quality content lecture are delivered, Course Director and his coordinators will monitor the whole Winter School.

How to Apply:

Aspirant may submit registration form reflected at Annexure "A" or submit online registration form while visiting www.nadclag.in or submit online registration form at https://forms.gle/Uzwq5empGyH5nehr8

Registration Fee

Registrations fees include winter school documents, participation certificate, postal charges and published course compendium that will be send to all the candidates through speed post. Non-refundable registration fee for Indian participants is given below:

Category	Registration fee before 28-02-2026	Registration fee after 28-02-2026
Students/ Research Fellows	Rs. 2500/=	Rs. 3500/=
Faculties/Scientists/In-service participants	Rs. 3500/=	Rs. 4500/=
Private Organizations/Industries etc.	Rs. 4000/=	Rs. 5000/=

Mode of Payment: Aspirants can directly deposit their registration fee in favour of National Agriculture Development Cooperative Ltd, Account No: 39084212862, State Bank of India, Branch: Baramulla, IFSC Code: SBIN0001477 and send the screenshot of their fee transaction to the Coordinator through WhatsApp number: 9469951802.

Chief-Patron

Dr. Ch. Srinivasa Rao, Director & Vice Chancellor, ICAR-Indian Agricultural Research Institute, Pusa, New Delhi.

Patron

Dr. Anupama Singh, Joint Director (Education) & Dean, ICAR-Indian Agricultural Research Institute, Pusa, New Delhi.

Dr. Viswanathan Chinnusamy, Joint Director (Research), ICAR-Indian Agricultural Research Institute, Pusa, New Delhi.

Dr. R.N. Padaria, Jt. Director (Extension), ICAR-Indian Agricultural Research Institute, Pusa, New Delhi.

Dr. Pothula Srinivasa Brahmanand, Project Director WTC, Incharge of CPCT

Sh. Pradyumna Kumar Jain, Joint Director(Admn.) & Sr. Registrar, ICAR-Indian Agricultural Research Institute, Pusa, New Delhi.

Sh. Avesh Yadav, Comptroller, ICAR-Indian Agricultural Research Institute, Pusa, New Delhi.

Course Director

Dr. Raman Selvakumar, Scientist (SS), Centre for Protected Cultivation Technology, ICAR-Indian Agricultural Research Institute, New Delhi.

Convener

Dr. Pandiselvam R, Division of Agricultural Engineering, ICAR-Indian Agricultural Research Institute, New Delhi.

Dr. Kavalipurapu Kranti KVVS, Scientist, Plant Nematology, ICAR-IARI, New Delhi

Dr. Jagrati B. Deshmanya, Professor & University Head of Agricultural Economics, Administrative Officer, UAS, Raichur.

Co-Organizers

Dr. Naved Sabir, Principal Scientist, CPCT, IARI, New Delhi,
Dr. Mam Chand Singh, Principal Scientist, CPCT, IARI, New Delhi,
Dr. Murtaza Hasan, Principal Scientist, CPCT, IARI, New Delhi,
Dr. Zakir Hussain, Principal Scientist, Division of Vegetable Science, IARI, New Delhi
Dr. P. K. Singh, Principal Scientist, NBPGR, New Delhi
Dr. Basavaraj, Assistant Professor (Environmental Science), O/o The Director of Education, UAS, Raichur.
Dr. Shahbaz Noori, Assistant Professor & Head of Department, Dept of Agroforestry & Environmental Sciences, UAS, Raichur.
Dr. Mrs. Govina Dewangan, Assistant Professor, Veterinary Polytechnic, Mahasamund, DSVCKV, Durg (C.G.)

Course Coordinator

Dr. Hemlata Bharti, Senior Scientist, CPCT, ICAR-Indian Agricultural Research Institute, New Delhi.
Dr. R. A. Shah, Coordinator, Baramulla, UT of Jammu & Kashmir

Contact Persons are;

Dr. R. A. Shah, Coordinator, Baramulla, UT of Jammu & Kashmir (**Contact No. 9469951802 / 6006223558**)
Dr. Raman Selvakumar, Scientist (SS), Centre for Protected Cultivation Technology, ICAR-IARI, New Delhi. (**Contact No. 9149967133**)
Jugendra Kumar, Technical Officer, CPCT, ICAR-Indian Agricultural Research Institute, New Delhi, (**Contact No. 8077120160**)

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REGISTRATION FORM

Name: .....

Qualification: .....

Designation: .....

Department / Division: .....

Organization / University:.....

WhatsApp Number: .....

Email Id:..... Sex: .....(Male / Female)

Complete Correspondence Address (For Dispatching through speed post the hard copy of participation certificate along with original receipt of registration fee): .....

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Pin Code: .....

Registration Fee Paid: Rs..... (In Words: Rupees.....)

Transaction id of Registration Fee: .....Dated: .....

Registration Link:
https://forms.gle/Uzwq5empGyH5nehr8

Signature of the Applicant