



21 Days Summer School

On

"Livelihood Security through Sustainable Horticulture and Allied Enterprises"

(Through Online Mode)

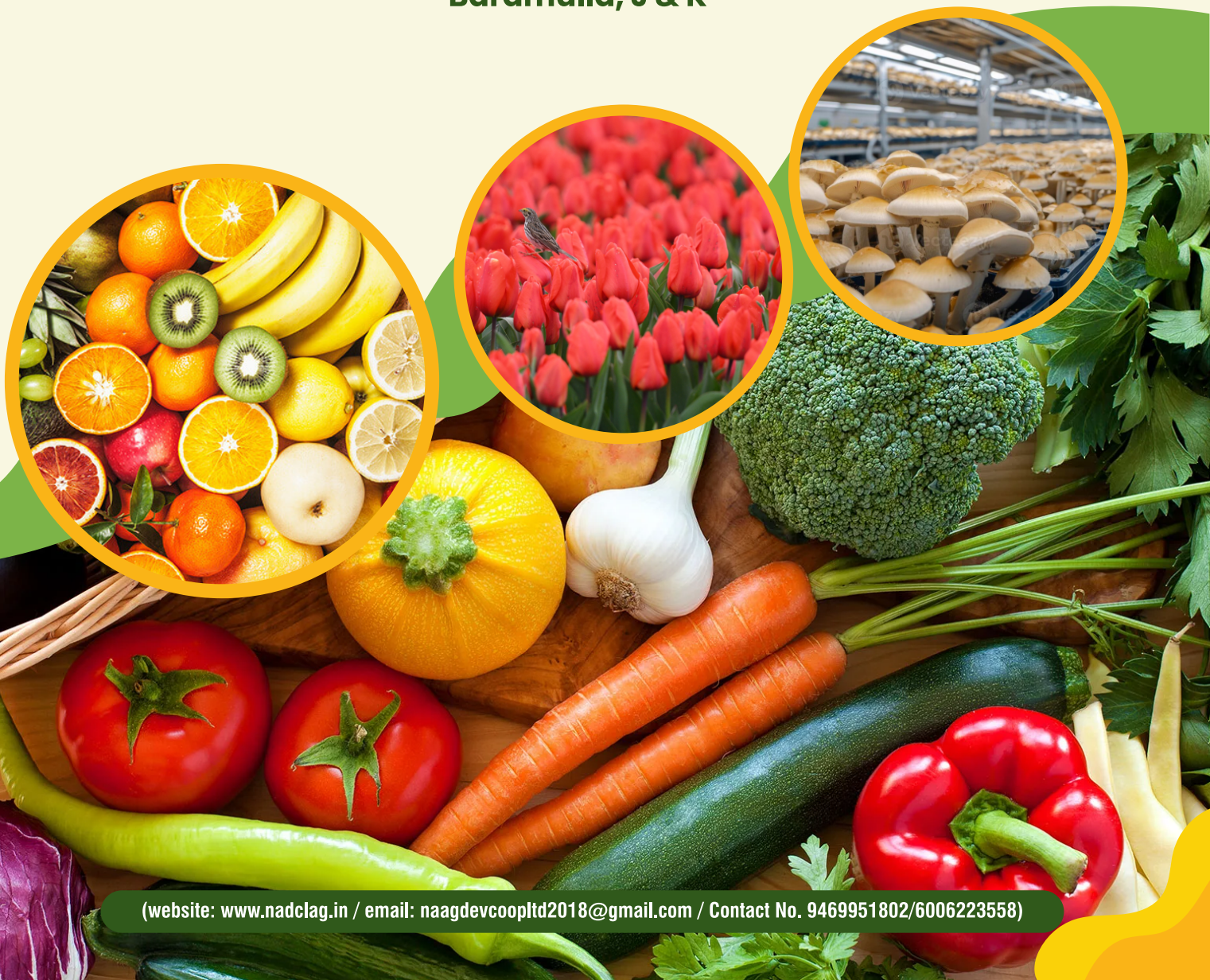
10-30 July, 2025

Organized by

ICAR-Central Institute of Temperate Horticulture (CITH)

&

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



ABOUT ORGANIZATIONS

ICAR-Central Institute of Temperate Horticulture, Srinagar has been established under the aegis of Indian Council of Agricultural Research at Srinagar, Jammu and Kashmir. ICAR-central Institute of Temperate Horticulture, Srinagar with its two regional stations at Mukteshwar, (Uttarakhand) and Dirang, (Arunachal Pradesh) is playing a great role in designing and developing research programmes on crop improvement, production, protection and post-harvest management for achieving economic and nutritional security in the entire Himalayan region. Institute is mainly focussing on research and development in temperate fruits, nuts, vegetables, ornamentals, medicinal & aromatic plants and saffron.

The Central Institute for Temperate Horticulture (CITH) was established in 1994. Initially it started functioning from Lucknow, and shifted to Srinagar in 1997. Research activities started first at Mukteshwar regional Station because of social disturbances in Kashmir valley. Field trials could be initiated at CITH main institute only in 2000 AD.

ICAR-Central Institute of Temperate Horticulture, Krishi Vigyan Kendra Baramulla located in Baramulla is a unique Extension Training Centre in Jammu and Kashmir which is exclusively under ICAR through CITH Srinagar. KVK Baramulla started functioning in the year 2014 under the administrative control of ICAR-CITH Srinagar. The aim of this KVK is to impart vocational training to farmers and field-level extension workers, focusing on agricultural and entrepreneurship development through scientific practices. KVK Baramulla focuses on imparting vocational training to farmers, rural youth, and extension functionaries to enhance their skills and knowledge in modern agricultural technologies. The KVK aims to build capacity among farmers and extension workers by providing them with the necessary knowledge and skills to adopt scientific agricultural practices. It thus serves as a link between scientists and farmers, facilitating the transfer of knowledge and technologies from research institutions to the field. The KVK organizes farmer-scientist interaction programs to address farmers' concerns and provide them with the latest information and technologies. KVK Baramulla promotes crop diversification and the adoption of non-traditional, higher-value crops to enhance farmers' income. The KVK organizes various training programs on different scientific agricultural practices, including orchard management, pollination, livestock management, and plant protection. KVK Baramulla also organizes awareness programs on topics such as plant variety protection and farmers' rights. KVK Baramulla provides agrometeorological advisory services to farmers, helping them make informed decisions related to crop management and weather-related risks. Over the past few years KVK Baramulla is working on Centrally Sponsored Projects like ARYA, DAMU, RKVY, CFLD Oilseeds and now has been included in National Mission on Natural farming from this year.

National Agriculture Development Co-operative Ltd. (NADCL) 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 of 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, bring an effective result in the doubling of farmer's income. Needless to say, the National Agriculture Development Co-operative Ltd. desires to have your co-operation in order to develop atmosphere conducive to aware farmers about innovative agriculture practices to yield best results for the progress of the farming community. NADCL already organized a number of national training courses, awareness programs, international conferences etc. individually as well as a joint venture with State Agricultural Universities, Veterinary Sciences Universities and different institutes of ICAR.

About the Summer School Sustainable horticulture offers a pathway to livelihood security by providing income, nutrition, and employment opportunities, especially for rural communities, while also promoting environmental sustainability. Horticulture significantly boosts incomes for farmers and related businesses, including input suppliers and post-harvest service providers. The sector creates jobs in various stages, from cultivation to processing and marketing, contributing to overall employment in rural areas. Improved farming practices and technology in horticulture leads to higher yields and better quality produce, further enhancing profitability. Integrating horticulture with other farming activities, like livestock or aquaculture, diversifies income sources and reduce risks. Horticulture crops, such as fruits and vegetables, being rich in vitamins and micronutrients, contribute to a more balanced and nutritious diet. Sustainable horticulture practices, like crop rotation and organic farming, improves soil health and fertility. Efficient irrigation techniques and water-wise crop selection helps conserve water resources. Sustainable Horticulture contributes to biodiversity by promoting the cultivation of diverse crops and supporting pollinators.

This training is especially significant for professionals in agriculture, as it fosters knowledge sharing and capacity building, ultimately contributing to sustainable agricultural development. By bridging the gap between research and practice, the programme supports the broader goal of sustainable food security, ensuring that farmers and stakeholders are well-equipped to face current and future challenges in the horticulture and its allied sector.

Within this complex background, this summer school will facilitate and provide professional, skill based and job-oriented trainings, cum awareness programme to the scientists, teachers and students of agriculture, horticulture and allied sectors with respect to advancement in horticultural production, productivity and quality produce.

Participants & Eligibility: The Summer School is open for the scientists, subject matter specialists, teachers, students, and agri-marketing personals.

Important Dates:

Last date for receipt of registration form:	07-07-2025
Confirmation of participation:	08-07-2025
Selection Notification:	08-07-2025
Commencement of Training:	10-07-2025

Venue: The 21 Days Summer School will be organized through virtual lecture/ class hosted by ICAR-CITH & NADCL Baramulla.

Requirement for Summer School:

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 a 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 training 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 the 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 is delivered course directors and their coordinators will monitor the whole training course.

All such candidates who will participate in this training through [video conferencing](#) will be deemed to have attended the Summer School and as per the course guideline will be provided participation & completion certificate.

How to Apply:

Participants can submit online registration form on the site: www.nadclag.in

Registration Fee

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

Category	Registration fee before 07-07-2025	Registration fee after 07-07-2025
Students/ Research Fellows	Rs. 2500/=	Rs. 3500/=
Faculties/Scientists/In-service participants	Rs. 3500/=	Rs. 4500/=
Private Organizations/Industries/etc.	Rs. 4000/=	Rs. 5000/=

Non-refundable standard registration fee for foreign participants is given below:

Category	Registration fee before 07-07-2025	Registration fee 07-07-2025
Students/ Research Fellows	\$ 550	\$ 650
Faculties/Scientists/In-service participants	\$ 1000	\$ 1300
Private Organizations/Industries/etc.	\$ 1300	\$ 1600

Mode of Payment: Aspirants have to pay the due registration fee in favour of National Agriculture Development Cooperative Ltd. State Bank of India, Branch Baramulla, Account No: 39084212862, IFSC Code: SBIN0001477. Send the screenshot of your registration fee to the Training Coordinator through WhatsApp Number: 9469951802

Chief Patron

Dr. Mahendra Kumar Verma, Hon'ble Director, ICAR-Central Institute of Temperate Horticulture, Srinagar, J & K.

Patron

P. Qamar-ud-Din Shah, Chairman, NADCL, Baramulla, UT of J & K.

Organizing Directors

Dr. Javid Iqbal Mir, Principal Scientist, ICAR-Central Institute of Temperate Horticulture, Srinagar, J & K.

Dr. Om Chand Sharma, Principal Scientist, ICAR-Central Institute of Temperate Horticulture, Srinagar, J & K.

Dr. Rajesh K Rana, Principal Scientist, ICAR-ATARI-Zone I, Ludhiana, Punjab.

Dr. Mohammad Abbas Shah Scientist ICAR- Central Institute of Temperate Horticulture, Srinagar, J & K.

Course Director

Dr. Waseem Hassan Raja Senior Scientist & IC PC & Head, KVK Baramulla ICAR-Central Institute of Temperate Horticulture, Srinagar, J & K.

Dr. Shoaib Nissar Kirmani Subject Matter Specialist, ICAR-Central Institute of Temperate Horticulture, Krishi Vigyan Kendra, Baramulla, J & K.

Course Coordinators

Dr. Suheel Ahmad, Senior Scientist, ICAR-IGFRI, Hill Regional Research Station, Srinagar

Dr. Sajad Un Nabi, Scientist, ICAR-Central Institute of Temperate Horticulture, Srinagar, J & K.

Dr. Anjali Gairola, Subject Matter Specialist, ICAR-Central Institute of Temperate Horticulture, Krishi Vigyan Kendra, Baramulla, J & K.

Dr. Neeraj, Subject Matter Specialist ICAR-Central Institute of Temperate Horticulture, Krishi Vigyan Kendra, Baramulla, J & K.

Mr. Vishal Vihan Subject Matter Specialist ICAR-Central Institute of Temperate Horticulture, Krishi Vigyan Kendra, Baramulla, J & K.

Convener

Dr. Sajad Ahmed Sheikh Subject Matter Specialist, ICAR-Central Institute of Temperate Horticulture, Krishi Vigyan Kendra, Baramulla, J & K.

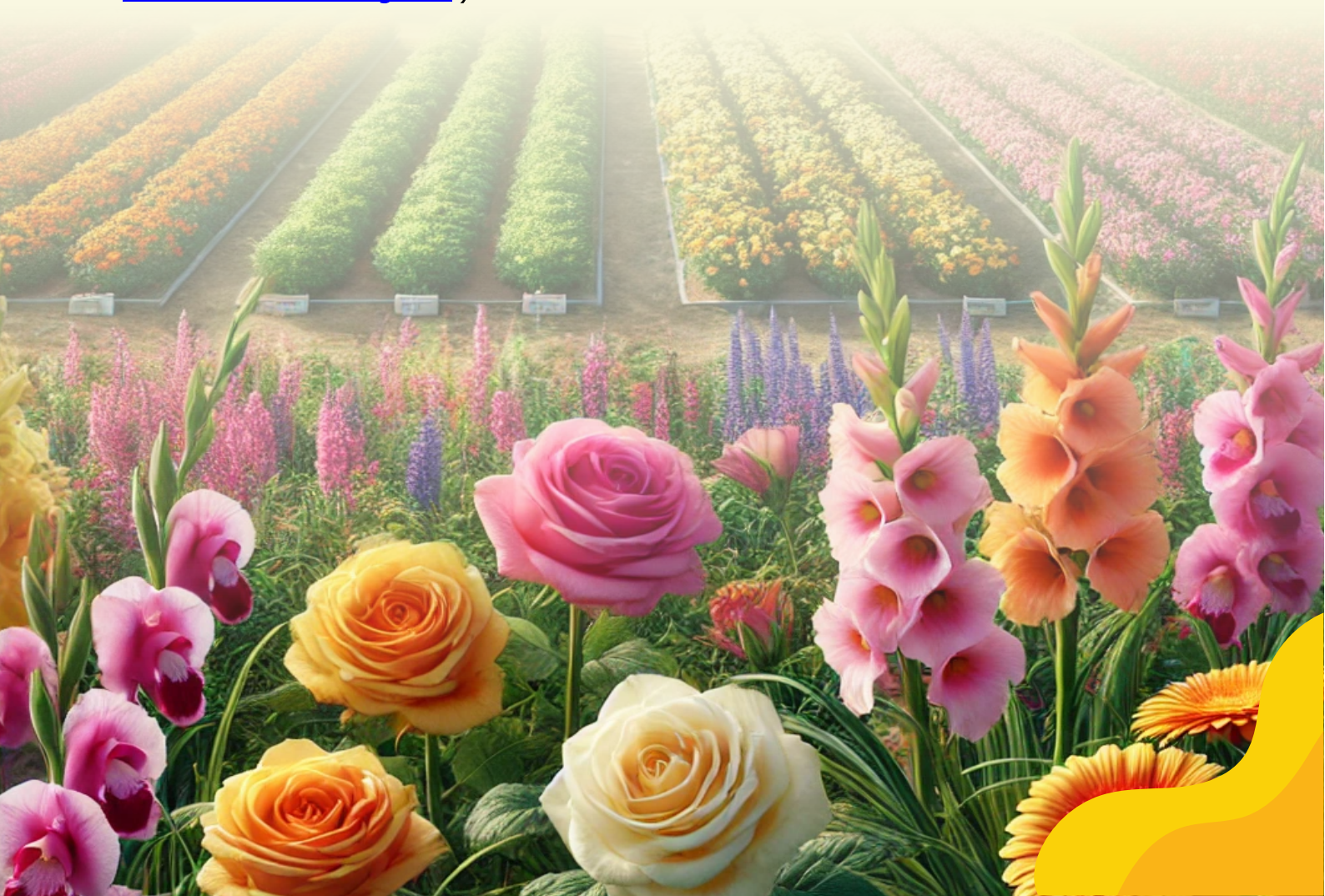
Training Coordinator

Dr. R. A. Shah, Training Coordinator, NADCL, Baramulla, Jammu & Kashmir.

Contact Persons

Dr. R. A. Shah, Training Coordinator, NADCL, Baramulla, Jammu & Kashmir (Mob: 9469951802; Email: naagdevcoop ltd2018@gmail.com)

Dr. S.N. Kirmani Subject Matter Specialist, ICAR-Central Institute of Temperate Horticulture, Krishi Vigyan Kendra, Baramulla, J & K. (Mob: 7006316856 Email: shoaib.kirmani@icar.gov.in)





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Horticulture and Allied Enterprises"

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10-30 July, 2025

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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 training
participation & completion certificate along with original receipt of registration fee):
.....
.....

Pin Code:

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

Transaction id of Registration Fee: Dated:

Signature of the Applicant