Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir

Main Campus, Shalimar, Srinagar Kashmir (J&K) India-190025

NATIONAL CONFERENCE

Applications of Plant Physiology for Crop Improvement, Quality Enhancement & Post-Harvest Management in Horticulture

Plant Physiology | Crop Improvement | Quality Enhancement | Post-Harvest Management

DATE
October 27–29, 2026

VENUE
SKUAST-K, Shalimar Campus, Srinagar

Organized by

Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir & Academy for Indian Horticulture (AIH), Bengaluru

3rd Best State Agriculture University in India

NIRF-2025 7th Rank in Agriculture & Allied Sectors Category 3rd Best SAU

NIRF-2025 36th Rank among all State Public Universities 3rd Best SAU

NIRF-2025 75th Rank in University Category 3rd Best SAU

NIRF-2025 94th Rank in Overall Category 3rd Best SAU

IIRF-2026 4th In Agriculture & Horticulture University Category

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BACKGROUND

Ensuring food and nutritional security, enhancing crop productivity, mitigating the impacts of climate change, and reducing post-harvest losses while promoting environmental sustainability all require a deeper understanding of the plant physiological processes that regulate growth, resource-use efficiency, stress tolerance, and quality enhancement. Strengthening the link between fundamental research and its practical application in agriculture is essential. This National Conference on "Applications of Plant Physiology for Crop Improvement, Quality Enhancement and Post-Harvest Management in Horticulture" is directed at capturing significant contributions to horticulture across these themes. It aims not only to recognise past contributions but also to lay a roadmap for future fundamental research in plant physiology that translates into practical outcomes for horticulture.

CONFERENCE THEMES

Theme I: Plant Growth, Development and Physiological Regulation

Sub-themes:

- Plant Growth Regulators in Horticultural Crops
- Hormonal Regulation of Growth, Development and Productivity
- Photoperiod and Hormonal Applications in Floriculture
- Plant Physiology in Crop Breeding
- Physiology for Rapid Breeding and Protected Cultivation

Theme II: Advanced Physiological Tools and Innovative Production Systems

Sub-themes:

- Tissue Culture and Micropropagation
- Aeroponics and Hydroponics
- Physiological Basis of Protected Cultivation
- Plant Volatile Organic Compounds in Horticulture

Theme III: Crop Physiology for Productivity, Adaptation and Climate Resilience

Sub-themes:

- Bridging Science and Yield in Modern Horticulture
- Physiological Interventions for Productivity and Quality
- Physiological Approaches for Fruit Crop Adaptation
- Climate-resilient Physiology in Plantation Crops
- Physiology for High-density Planting Systems

Theme IV: Physiology of Crop Quality, Seed Systems and Post-harvest Management

Sub-themes:

- Physiology of Post-harvest Quality
- Crop Quality from Seed to Storage
- Seed Physiology and Potato Productivity
- Physiological Disorders in Fruit Crops

Theme V: Translational Plant Physiology for Sustainable and Smart Horticulture

Sub-themes:

- Translational Plant Physiology
- Physiology for Sustainable Production Systems
- Smart and Precision Horticulture
- Climate-smart Horticultural Innovations

CALL FOR ABSTRACTS / PAPERS

Abstracts are invited for oral and poster presentations under the identified conference themes and sub-themes. Authors are requested to submit an abstract comprising the title, author(s) and affiliation(s), a maximum 250-word abstract, and 3–5 keywords. Abstracts should be prepared in MS Word using Times New Roman, 12-point font, with 1.5 line spacing, and submitted by e-mail to ***plantphyscon26@skuastkashmir.ac.in*** on or before 15 September 2026. Accepted abstracts will be published in the Conference Book of Abstracts. Selected authors may be invited to submit full-length manuscripts for publication.

Posters should be prepared in portrait orientation and designed to fit within the display area provided. Each poster presenter will be allotted a display space of 1.0 m × 1.0 m (height × width). Posters should clearly present the title, author(s), affiliation(s), objectives, methodology, key findings, and conclusions in a legible format suitable for viewing by conference participants. Authors are responsible for printing, transporting, and mounting their posters at the designated venue.

TECHNICAL SESSIONS & KEYNOTE LECTURES

Technical sessions on fruits, vegetables, floriculture and plantation crops will focus on the contributions of plant physiology in tissue culture and planting-material production, crop improvement through a better understanding of day-length, productivity enhancement through hormones and canopy architecture, hydroponics and aeroponics, and the role of physiology in post-harvest technology, among other topics. A list of keynote speakers will be communicated separately.

A series of keynote addresses, plenary lectures, invited talks, and panel discussions by internationally acclaimed scientists and distinguished experts from premier institutions across India and abroad is planned as an integral part of the conference, highlighting recent breakthroughs and transformative innovations in plant physiology and its applications.

PARTICIPATION & REGISTRATION

The conference is open to scientists, academicians, researchers, extension personnel, industry professionals, policymakers, postgraduate students, and research scholars in agriculture and allied disciplines. Prospective participants are encouraged to register early to allow the Organizing Committee to make the best possible arrangements for accommodation, conference materials, and technical sessions.

The registration fee includes access to all scientific sessions, the conference kit, abstract book, refreshments, and a participation certificate. Delegates registering after the due date will pay the applicable late fee.

Category	Fee (₹)	After Due data Fee (₹)
Scientists / Faculty Members	**3,000**	**3,500**
Retired Scientists / Teachers	**1,500**	**2,000**
Students	**1,000**	**1,500**
RAs, SRFs and Project Fellows	**1,500**	**2,000**
Farmers, Agri-Entrepreneurs, Start-ups & Non-Sponsored Students	**2,000**	**2,500**
Accompanying Person	**2,500**	**3,000**
Industry Representatives & Private Organizations	**4,000**	**4,500**

Payment may be made by online bank transfer / NEFT / RTGS to the conference account.
Please quote your name and affiliation in the transaction and email proof of payment with your registration form.

Accommodation charges per person per night (Non shared) Rs 3,000 | Shared Rs 1,500

Sponsorship Charges Rs 2.5 Lakh & above	**Stall Charges** Rs 20,000/ Stall	**Account No.:** 110259167992 Canara Bank G.K.V.K Br, UAS Campus Bangalore-560065 **IFSC** CNRB0002737

SCAN & PAY

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IMPORTANT DATES

15 September 2026	Last date for submission of abstracts
20 September 2026	Notification of acceptance of abstracts
01 October 2026	Last date for early registration
10 October 2026	Last date for accommodation requests
15 October 2026	Last date for registration fee & accommodation charges

CLIMATE & ATTRACTIONS

The Kashmir Valley is at its scenic best during October–November, with pleasant weather, clear skies and vibrant autumn colours. Daytime temperatures range from 10–22°C, with nights of 2–10°C; warm clothing is advised. Delegates can visit Dal Lake, Mughal Gardens, Gulmarg, Pahalgam, Sonamarg, and the historic sites of Srinagar, with the autumn colours of the Chinar trees providing a spectacular backdrop.

"Join us for science; experience Kashmir's autumn brilliance."

(Post-conference Tour Package Available)

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