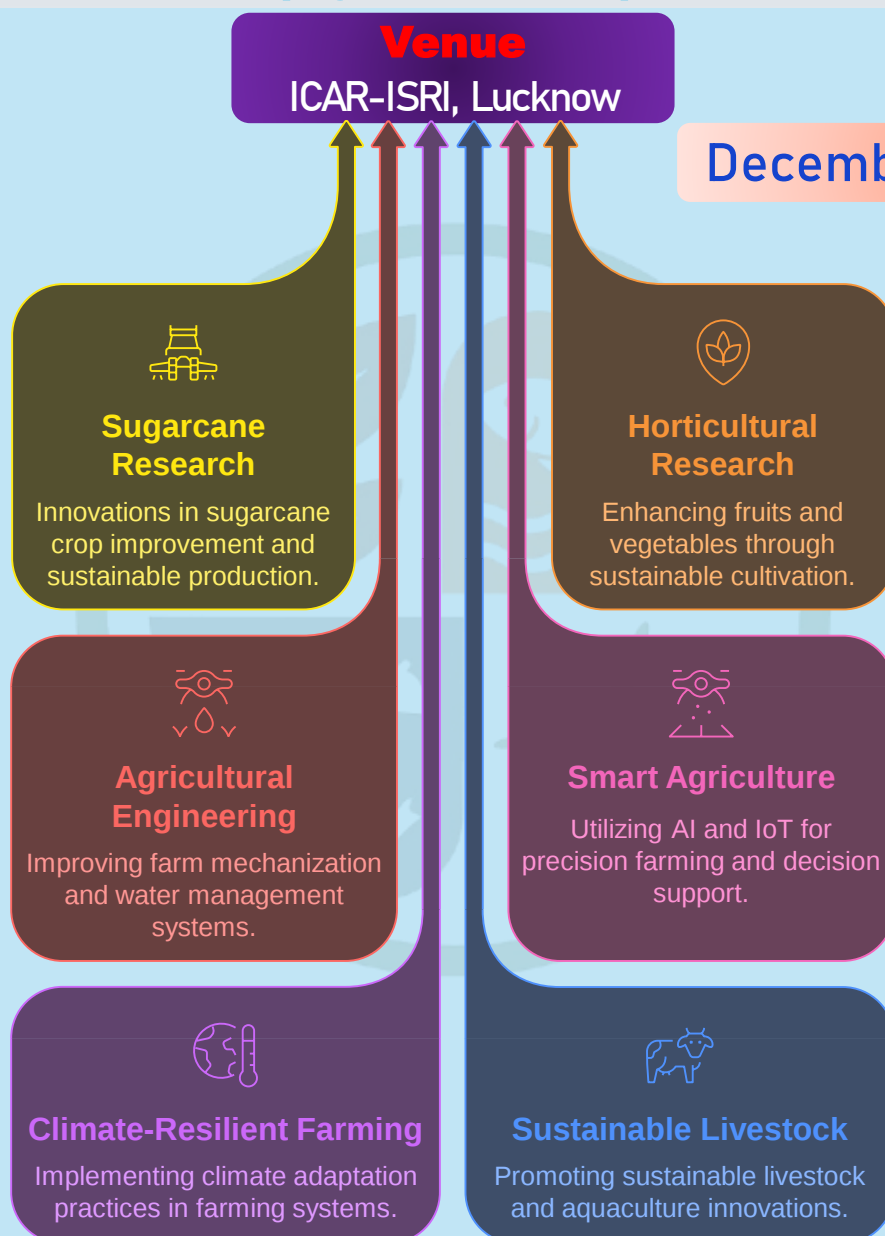




4th International Conference

First Circular

On Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)



December 10-12, 2025

4th International Conference

ICCSHAS – 2025

Jointly organized by

Pragati International Scientific Research Foundation (PISRF), India

&

ICAR-Indian Sugarcane Research Institute (ISRI), Lucknow, Uttar Pradesh

In collaboration

ICAR-Central Institute for Subtropical Horticulture (CISH), Lucknow, Uttar Pradesh

<https://pisrf.org/>

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Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)

Pragati International Scientific Research Foundation (PISRF)

The Pragati International Scientific Research Foundation (PISRF), headquartered in Meerut, India, is a distinguished scientific trust established under the Indian Trusts Act of 1882. Dedicated to advancing agricultural research and awareness, its mission is to strengthen food, nutrition, and livelihood security for farmers. PISRF serves as a vibrant platform for knowledge exchange by organizing conferences, workshops, and seminars on diverse themes such as farm mechanization, climate change, sustainable agriculture, horticulture, post-harvest management, value addition, and women's empowerment. The Foundation has a strong track record of hosting impactful international conferences, including 1st International Conference in Pattaya, Thailand (September 25–28, 2019), which attracted over 250 participants; 2nd International Conference (ICFPLS-2023) at ICAR-CIARI, Port Blair, India (September 18–20, 2023), which brought together 225 delegates and the 3rd International Conference (ICNSFS-2024) at ICAR-CIWA, Bhubaneswar, Odisha (November 6–8, 2024), which witnessed more than 250 national and international participants. Beyond conferences, PISRF is committed to farmer welfare through outreach programs, capacity-building training, and the publication of its biannual Hindi magazine *Pragatisheel Kheti*, which disseminates progressive farming practices and innovations to empower rural communities.

ICAR-Indian Sugarcane Research Institute (ISRI), Lucknow

The ICAR-Indian Sugarcane Research Institute (ISRI), Lucknow, established in 1952, is a premier research institution dedicated to advancing sugarcane science and technology in India. Operating under the Indian Council of Agricultural Research (ICAR), the institute plays a pivotal role in developing improved sugarcane varieties, sustainable production technologies, integrated pest and disease management strategies, and mechanization solutions tailored to sugarcane cultivation. ISRI is also engaged in frontier research areas such as biotechnology, bioenergy, and value-added products from sugarcane, thereby contributing to enhanced productivity, profitability, and sustainability of the sugarcane sector. With its state-of-the-art laboratories, experimental farms, and multidisciplinary scientific expertise, the institute serves as a national hub for sugarcane research, education, and extension. By forging strong linkages with farmers, industries, and policymakers, ISRI continues to contribute significantly towards strengthening India's sugar industry, rural livelihoods, and the nation's agricultural economy.

ICAR-Central Institute for Subtropical Horticulture (CISH), Lucknow

The ICAR-Central Institute for Subtropical Horticulture (CISH), Lucknow, established in 1995, is a premier research institute under the Indian Council of Agricultural Research (ICAR) dedicated to advancing subtropical horticultural crops. The institute focuses on developing sustainable technologies for crop improvement, production, protection, post-harvest management, and value addition of major fruit crops like mango, guava, jamun, bael and other horticultural crops. CISH plays a vital role in enhancing productivity, quality, and profitability of horticulture through innovative research, farmer training, and technology dissemination. It actively collaborates with national and international organizations to address challenges such as climate change, pest management, genetic improvement, and resource use efficiency. With modern laboratories, experimental orchards, and extension programs, CISH contributes significantly to strengthening the horticulture sector. Its farmer-centric approach, skill development initiatives, and transfer of improved varieties and technologies make it a key driver of horticultural growth and sustainability in India's subtropical regions.

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Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)

About the Conference

The 4th International Conference on “Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSMAS-2025)” will be organized during 10-12 Dec, 2025 at the Indian Sugarcane Research Institute of (ISRI), Lucknow, in collaboration with the ICAR-Central Institute for Subtropical Horticulture (CISH), Lucknow. Building on the success of its earlier editions, the conference is designed to serve as a global platform for researchers, academicians, policymakers, industry stakeholders, and students to exchange knowledge, share innovations, and deliberate on challenges and opportunities for achieving sustainable and climate-resilient agriculture. The primary purpose of ICCSMAS-2025 is to showcase cutting-edge research and climate-smart solutions in sugarcane and horticulture, while also addressing wider issues across allied agricultural sciences. The objectives of the conference are to highlight technological advancements in sugarcane research and innovations, advance horticultural sciences through genetic improvement, post-harvest management and nutraceutical potential, and promote multidisciplinary approaches encompassing agricultural engineering, biotechnology, smart and digital technologies, livestock, aquaculture, and agri-business. The deliberations will also focus on addressing global challenges such as climate change, renewable energy, water management, food and nutritional security, and health and wellness in agriculture. Through technical sessions, invited lectures, panel discussions, and poster presentations, the event aims to foster collaboration, strengthen research–industry linkages, and build capacity for future-ready agriculture. Special emphasis will be placed on inclusivity and societal impact by promoting gender equity, entrepreneurship, rural livelihoods, and sustainable food systems. By converging multidisciplinary expertise, ICCSMAS-2025 aspires to contribute to the global vision of climate-smart, sustainable, and innovation-driven agriculture, ensuring food, nutrition, and environmental security for future generations.

Call for Papers – ICCSMAS 2025

The 4th International Conference on Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSMAS-2025) invites scholars, researchers, and professionals to submit original abstracts in English (max. 250 words, Times New Roman, size 12). Each abstract must include the title, author details with affiliations, and mark the corresponding author with an asterisk (*). Submissions can be made via email (iccschas2025@gmail.com), the conference portal (<https://pisrf.org/iccschas-2025>), or by scanning the QR code. Accepted abstracts will be published in the Conference Book of Abstracts/Souvenir. The program will feature plenary sessions, invited lectures, lead talks, oral and poster presentations by eminent scientists, academicians, industry experts, and young researchers. The conference will be held in hybrid mode (online and onsite at ICAR-ISRI, Lucknow) to ensure wider participation. Registration and abstract submission deadline is September 30, 2025. Certificates will be awarded during the valedictory session.

 **Scan the QR Code for Abstract Submission**



<https://pisrf.org/>
<https://isr.icar.gov.in/>

4th International Conference

ICCSHAS – 2025

Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025)

(Hybrid Mode)

Theme and Sub-themes

1. Innovations for Sustainable Sugarcane Production

Crop Improvement, Breeding and Biotechnology, Sustainable Sugarcane Production, Crop Protection and Integrated Pest Management

2. Advancing Horticultural Innovations and Sustainable Practices for Climate-Resilient Food and Nutritional Security

Fruit and Vegetable Improvement, Post-Harvest and Value Addition, Protected Cultivation and High-Tech Horticulture, Climate-Smart Horticultural Practices, Pest and Disease Management, and Nutrition through Horticultural Crops

3. Innovations in Agricultural Engineering and Mechanization

Farm Mechanization, Advanced Irrigation and Water Management, Renewable Energy Systems, Post-Harvest and Food Process Engineering

4. Smart and Digital Agriculture: AI, IoT, and Precision Technologies

Precision Agriculture, Digital Farming Solutions, Remote Sensing and GIS, Artificial Intelligence, Robotics, IoT, and Data-Driven Decision Support in Agriculture

5. Climate-Resilient Farming Systems

Integrated Farming Systems, Organic and Natural Farming, Agroforestry, Crop-Soil-Water Management, and Climate-Resilient Agricultural Practices

4th International Conference

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6. Sustainable Livestock Production, Aquaculture, Fisheries and Allied Sciences (FAS)

Livestock Improvement and Health Management, Dairy and Poultry Innovations, Aquaculture, Fish Genetics, Breeding, Nutrition, Pathology, Biotechnology, Biosystematics, Processing, Technology and Management

7. Cutting-Edge Technologies in Plant Science for Sustainable Agriculture

Biotechnology, Nanotechnology, Genomics, Bioinformatics, Advanced Breeding and Seed Technologies, and Cross-Disciplinary Scientific Innovations

8. Social Science, Agriculture Economics, Extension and Rural Development

Farmer Centered Extension, Extension Practices, ITK & its use in Agricultural Development, Rural Economy, Economy in Crop Production & Crop Management, Agricultural Policies

9. Agri-Business, Value Chains, and Entrepreneurship

Agri-Tech Startups and Innovations, Agri-Value Chains, Livelihood Security, Rural Entrepreneurship, Agro-Tourism, and Inclusive Food Systems

10. Climate-Smart and Sustainable Development of Rainfed Farming Systems

Rainfed agriculture, Dryland farming systems, Landscapes & Watershed management, Soil and water conservation, Technology dissemination in rainfed areas, Agroforestry

Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)

Conference and Society Awards/Honors

Lifetime Achievement Award

For professionals, educationists, and entrepreneurs aged over 55.

Honorary Fellowship

For eminent scientists aged over 40.

Distinguished Service Award

For the development of science, education, and weaker sections.

Scientist of the Year Award

For eminent scientists /academicians with outstanding contributions.

Best Teacher Award

For academicians /faculty with a track record of excellence.

Young Scientist Award

For faculties /scientists/ academicians with significant contributions aged under 40.

Best Book Award

For authors/editors in a relevant field.

Best Thesis Awards

For outstanding PhD research work.

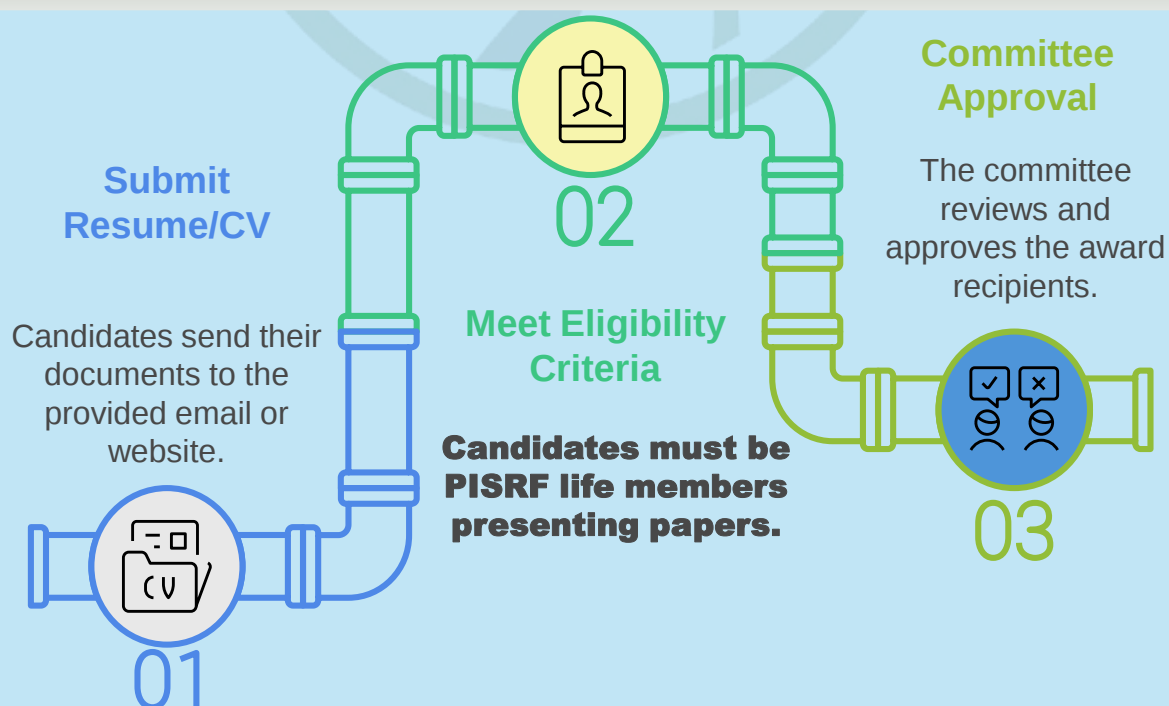
Innovative Farmer Award

For those engaged in scientific/sustainable farming.

Best Presentation Award

For every session of oral/poster presentations.

Award Eligibility and Submission Process



Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)

Conference Preparation Timeline



Delegate Registration Fees

Registration Type	Indian Delegates (INR)	Foreign Delegates (USD)
 Early-bird (Oct 20, 2025)	7000	90
 On-spot (Dec 10, 2025)	9000	115
 Research Fellow/ Students Research Paper {Physical} (Nov 20, 2025)	5000	65
 Online Oral Presentation (Nov 20, 2025)	4000	50
 Online Poster Presentation (Nov 20, 2025)	2000	25
 Industry Partners (Nov 15, 2025)	15000	200
 Accompanying Person	3500	45

ICCSHAS – 2025

4th International Conference

Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)

Sponsorship Levels

Level	Amount (INR)
 Platinum	500000/-
 Golden	300000/-
 Silver	200000/-
 Bronze	100000/-

Axis Bank Account Details

 Branch Pallavpuram, Modipuram, Meerut	 Account Name Pragati International Scientific Research Foundation	 Account No 919020010129220	 IFSC UTIB0002504
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4th International Conference

ICCSHAS – 2025

Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)

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Dr AK Singh, Vice Chancellor, CSAU, Kanpur

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Dr AK Nayak, DDG (NRM), ICAR, New Delhi

Dr PK Singh, Commissioner Ag., DoA & FW, Govt. of India, New Delhi

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Prof. (Dr.) Susama Sudhishri, TE (Watershed Development), NRAA, MoA &FW

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4th International Conference

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Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)

Coordinators

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Dr. M.K. Singh, PS, ICAR-ISRI, Lucknow
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Dr. Akshay Agarwal, Assistant Professor, IISER Bhopal
Er. Ajita Gupta, Scientist, ICAR-CIAE, Bhopal

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Dr. Awani Kumar Singh, ICAR-RCER, Patna

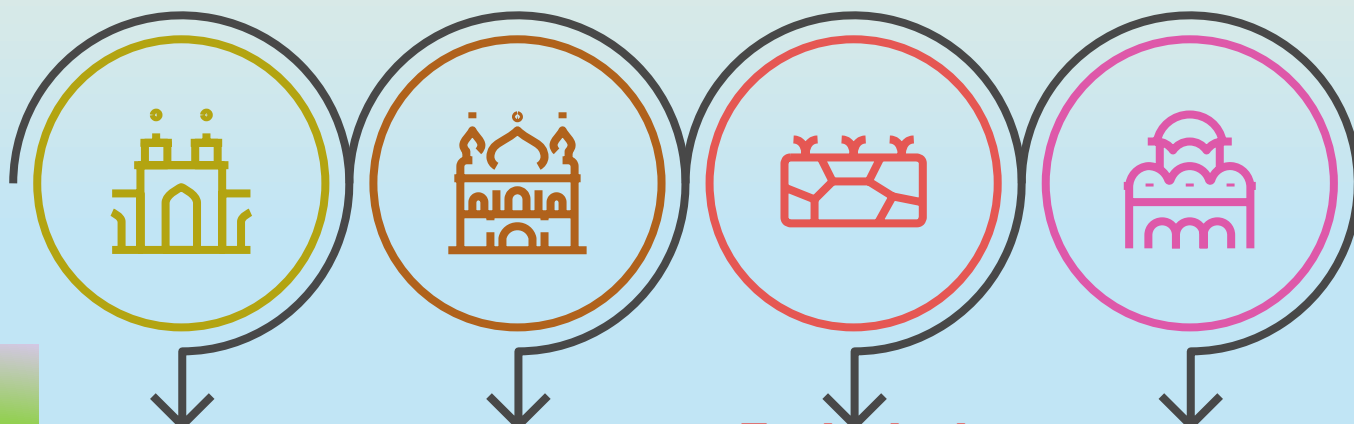
International Advisory Committee

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Dr Sunil Kumar, Director, ICAR-IIFSR, Meerut
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Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)

Lucknow Tourist Attractions



Bara Imambara

A historical complex with a large mosque.



Rumi Darwaza

An imposing gateway, a symbol of Lucknow.



Zoological Garden

A large zoo with diverse animal species.



The Residency

Site of the 1857 siege, now ruins.



*Post-conference field visits/education trips will also be arranged on a payment basis nearby tourist places as Ayodhya, Varanasi etc . A detailed tour plan will be announced soon.

For further details, please contact

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4th International Conference

ICCSHAS – 2025

Advances in Climate-Smart Technology and Sustainable Practices in Sugarcane, Horticulture, and Allied Agricultural Sciences (ICCSHAS-2025) (Hybrid Mode)

Boarding and Lodging

Lucknow is a vibrant city that offers a wide range of boarding and lodging facilities to suit diverse preferences and budgets. Several accommodation options are available near ICAR-IISR, including guest houses, budget hotels, as well as 3-star, 4-star, and 5-star hotels, ensuring a comfortable and convenient stay for participants. Accommodation will be provided in guest houses and hotels on a **payment basis**. Hotels are available in the range of **USD 50 (approx. ₹4,000) to USD 100 (approx. ₹8,000) per day per room**. Boarding and lodging on a **twin-sharing basis** will also be arranged during the conference as well as for post-conference field visits/educational trips, on payment basis.

Post-conference visits will be organized through different **tour packages** to nearby places of historical, cultural, and spiritual significance such as **Ayodhya, Varanasi**, and other destinations around Lucknow.

How to Reach ICAR-ISRI, Lucknow Campus?

The participants can reach ICAR-ISRI, Lucknow (Raebareli Road, near Telibagh) from Lucknow Airport (12 km), Charbagh Railway Station (10 km), or Alambagh Bus Adda (8 km) directly by taxi/auto/Uber/Ola in 20–40 minutes, or by city bus towards Raebareli Road–Telibagh route and get down near the ISRI main gate.

