



FINAL ANNOUNCEMENT

FRONTIER SCIENCES AND TECHNOLOGIES IN AGRICULTURE FOR A DEVELOPED INDIA

XVII NAAS AGRICULTURAL SCIENCE CONGRESS-2025

FEB. 20-22, 2025

GB PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY, PANTNAGAR



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www.17asc2025.in

NAAS ASC-2025

विकसित भारत के लिए कृषि के
अग्रणी विज्ञान एवं तकनीकियां

कृषि महाकुंभ-2025

श्री पुष्कर सिंह धामी

माननीय मुख्यमंत्री, उत्तराखंड

उत्तराखंड की पवित्र देवभूमि आपको कृषि महाकुंभ में आमंत्रित करती है !

17 वां कृषि विज्ञान सम्मेलन एवं कृषि प्रदर्शनी

कृषि क्षेत्र में भारत का सबसे बड़ा सम्मेलन

**20-22
फ़रवरी
2025**

| हरित क्रांति की जन्मस्थली | गोविंद बल्लभ पंत कृषि एवं प्रौद्योगिक विश्वविद्यालय, पंतनगर



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FEB. 20-22, 2025
GBPUAT, Pantnagar

The XVII Agricultural Science Congress, being organized by the National Academy of Agricultural Sciences (NAAS), will be held from February 20 to 22, 2025 at GB Pant University of Agriculture and Technology (GBPUA&T), Pantnagar, Uttarakhand. The President of NAAS, New Delhi, warmly invites you to attend and actively engage in the Congress deliberations.

The theme of the Congress is "Frontier Sciences and Technologies in Agriculture for a Developed India". As India strives to become a developed nation, the XVII Agriculture Science Congress brings together the brightest minds to discuss the cutting-edge frontier sciences and technologies that will propel Indian agriculture forward. From precision agriculture to gene editing, from digital farming to vertical farming, from biofuels to biotechnology, this congress will explore the latest advancements and innovations that will transform the way we produce, market and consume food. With a focus on sustainability, efficiency and equity, this event will showcase the latest research and development in agriculture, highlighting the potential for breakthroughs that can catapult India to global leadership in agricultural production and contribute to a developed India by 2047.

India is steadily building a resilient agricultural system that supports its broader development goals. With the rising demand for food, dwindling environmental conditions, and the challenges posed by climate change, it is the call of time to transform our agri-food systems into sustainable enterprises. This transformation aims to ensure just, equitable, and lasting benefits for future generations.

The Congress will bring together leading academicians, researchers, scholars, students, farmers, and entrepreneurs to share their research, ideas and experiences on all aspects of agricultural development. This gathering will facilitate the development of strategies to transform our agriculture to meet the UN-SDG and Viksit Bharat goals to eradicate poverty, protect the planet, and ensure peace and prosperity for all by 2030 and 2047, respectively. They address key issues such as poverty, inequality, climate change, environmental degradation, and justice, serving as blueprints for a sustainable future.

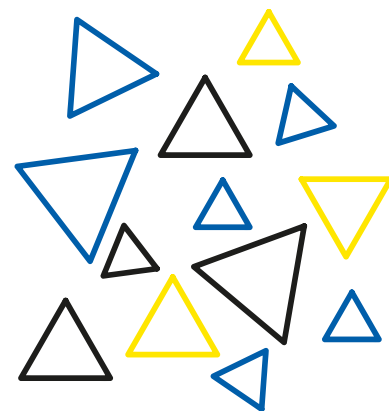


Participants in the Congress will have ample opportunities to express their views and share knowledge on various topics related to agriculture and its sustainability through the chosen topics like Frontier Sciences and Technologies in Climate Change, Innovations & Technologies for Crop Improvement, Livestock Smart Farming, Precision Horticulture Farming, Blue Revolution, Sustainable Soil and Water Management, Digital Agriculture, Farm Mechanization and Agro-food Processing. Through interdisciplinary interactions, the Congress aims to find sustainable solutions for transforming the agriculture.

NAAS has been arranging Agri Science Congress since 1992. Congress is organised every two years since 1992. As we approach the XVII edition of this prestigious event, we cordially invite all stakeholders to join us in Pantnagar, Uttarakhand. This year's conference is particularly significant as it aims to gather experts and professionals to discuss use of frontier sciences and technologies in agriculture for a developed India. Your participation is crucial in shaping the future of agriculture and ensuring a sustainable food system for generations to come. For more information and updates, please visit our website (www.17asc2025.in).



XVII NAAS ASC 2025



National Academy of Agricultural Sciences (NAAS)

The National Academy of Agricultural Sciences (NAAS) is a prestigious institution in India that focuses on advancing agricultural research, education, and policy. Established in 1990, NAAS plays a crucial role in shaping the future of agriculture in the country by promoting excellence in the agricultural sciences and providing a platform for scientists to collaborate and share knowledge. The academy conducts various scientific programs, publishes research, and offers policy recommendations to address critical issues in agriculture. Through its activities, NAAS aims to enhance the productivity, sustainability, and profitability of Indian agriculture, contributing significantly to the nation's food security and rural development.

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KEY FEATURES OF CONGRESS

- Plenary, Special, and Invited Lectures: Presentations by eminent scientists on various agricultural topics.
- Technical Sessions: Thematic discussions on current agricultural issues.
- Symposia and Panel Discussions: In-depth discussions on specialized topics.
- Poster Presentations: Display of research findings by participants.
- Farmer-Industry Interactions: Opportunities for farmers to engage with industry experts and scientists.
- Student Activities: Competitions and activities designed for student engagement.
- Agri Expo: An exhibition showcasing innovative agricultural technologies and products.
- NAAS Business Meeting: A formal gathering of the National Academy of Agricultural Sciences members.
- Cultural Programs: Evening events showcasing cultural performances.

ABOUT THE SESSIONS

Each session will feature one lead speaker, three invited speakers and young scientist(s)/research scholar(s) speaker selected from the submitted abstracts. Approximately 160 speakers are anticipated to deliver lectures across various thematic areas. All potential participants are invited to submit extended summaries under any of the sub themes.

- Theme 1 : Next Frontiers for Climate Change Science
- Theme 2 : Frontier Innovations & Technologies for Crop Improvement
- Theme 3 : Smart Livestock Framing
- Theme 4 : Precision Horticulture Farming
- Theme 5 : Blue Revolution: Harnessing Science and Technology
- Theme 6 : Next Generation Management Options for Emerging Pests and Diseases
- Theme 7 : Frontier Sciences and Technologies for Sustainable Soil and Water Management
- Theme 8 : Digital Agriculture
- Theme 9 : Advances in Farm Mechanization and Agro-food Processing
- Theme 10 : Innovations in Policies and Institutions

POSTER PRESENTATIONS

The extended summaries for the poster presentations will be reviewed prior to acceptance. Each poster session will feature a Convener who will present an overview of the symposium for that session, contributing to the development of meaningful recommendations. Selected abstracts across all thematic areas will be included in the Book of Abstracts, and the corresponding delegates will present their posters.





CONGRESS EVENTS

PANEL DISCUSSIONS

1. Next Generation Technologies for Renewable Energy
2. Mainstreaming Young Professionals for Frontier Sciences
3. International Partnership for Frontier Agricultural Research
4. Clean Plant Program for Vibrant Horticulture

SYMPOSIA

1. Agriculture at Altitude: Innovating for Hill and Mountain Regions
2. Quality Education for Promoting Next Generation Science
3. Bee Vital: Understanding the Agricultural Significance of Honey Bees
4. New Frontiers in Science-Technology-Innovation-Farmers Connect
5. Innovations in Overcoming Poverty & Malnutrition
6. Frontier Sciences & Technologies for Community Development
7. Advances in Poultry

WORKSHOP

1. Nanotechnology in Agriculture

START UP TRACK

Angel investors and funding support for selected start ups.

JOB FAIR

Job fair for student participants in reputed corporate houses.

FARMERS-SCIENTISTS INTERACTIONS

Opportunity for farmers to interact with reputed scientists/experts of national & international organizations.

INTER-UNIVERSITY STUDENT ELOCUTION CONTEST

A student elocution contest on a topic of contemporary relevance will be organized. Participants from state Agriculture Universities/ Deemed to be Agriculture Universities/ Central Agriculture Universities can apply for the contest.

ASC AGRI EXPO 2025

ASC Agri Expo 2025 will be a significant event at the Congress, with over 2000 delegates, large number of farmers, and local attendees expected to visit the exhibition. It will provide a platform for public and private sector agricultural research institutes, universities, agro-industries, extension agencies, and NGOs to showcase their innovative technologies and success stories. Details regarding registration, sponsorship, tariffs, stall types, and applications for participating in the exhibition can be found on the Congress website (www.17asc2025.in).

CULTURAL PROGRAMMES

Cultural evening has been planned on the day of inauguration to display the best of the arts both the performing arts and fine arts of the country.





THEMES & THEME CONVENORS

Themes	Titles	Sessions
Theme 1	Next Frontiers for Climate Change Science	01
Theme 2	Frontier Innovations & Technologies for Crop Improvement	02
Theme 3	Livestock Smart Farming	02
Theme 4	Precision Horticulture Farming	02
Theme 5	Blue Revolution: Harnessing Science and Technology	02
Theme 6	Next Generation Management Options for Emerging Pests and Diseases	02
Theme 7	Frontier Sciences and Technologies for Sustainable Soil and Water Management	02
Theme 8	Digital Agriculture	02
Theme 9	Advances in Farm Mechanization & Agro-food Processing	02
Theme 10	Innovations in Policies and Institutions	01

PANEL DISCUSSIONS

Address/ Lecture	Speakers	Chair	Conveners	Date & Time
Presidential Address	Dr. H. Pathak, President, NAAS	Prof. R.B. Singh, Former President, NAAS	Dr. W.S. Lakra, Secretary, NAAS	February 20, 2025
Dr. A.B. Joshi Memorial Lecture	Dr. P. L. Gautam, Former Chairman, PPV&FRA	Dr. Panjab Singh, Former President, NAAS	Dr. A K Singh Secretary, NAAS	February 20, 2025
Plenary Lecture-1	Dr. Ismahane Elouafi, Executive Managing Director, CGIAR	Dr. R.S. Paroda Chairman, TAAS	Dr. Seema Jaggi, ADG (HRD)	February 21, 2025
Plenary Lecture-2	Dr. Trilochan Mohapatra, Chairman, PPVFRA	Dr. Mangala Rai Former President, NAAS	Dr. Anjani Kumar NAAS EC-Member	February 21, 2025

SYMPOSIA

Symposia	Theme
Symposium I	Agriculture at Altitude: Innovating for Hill and Mountain Regions
Symposium II	Quality Education for Promoting Next Generation Science
Symposium III	Bee Vital: Understanding the Agricultural Significance of Honey Bees
Symposium IV	New Frontiers in Science-Technology-Innovation-Farmers Connect
Symposium V	Innovations in Overcoming Poverty & Malnutrition
Symposium VI	Frontier Sciences & Technologies for Community Development
Symposium VII	Advances in Poultry



IMPORTANT DATES

EXTENDED DATE OF ABSTRACT SUBMISSION

January 20, 2025

CONVEYING ACCEPTANCE OF ABSTRACTS

January 20, 2025

EXTENDED DATE OF FEE SUBMISSION

January 20, 2025

REGULAR REGISTRATION CLOSING DATE

January 20, 2025

REGISTRATION DETAILS

Online registration (www.17asc2025.in) and spot registration are available at a premium fee.

Registration Guidelines

Participants are requested to create an account in XVII ASC Website and login with credentials provided to complete registration by making the payment online. On creation of the account in XVII ASC website, you will be provided with a User ID and Password, which you can use for online registration and abstract submission. Registration fee for different categories is as given:

REGISTRATION FEE		
S.No.	Category	Registration Fee
1.	International Participant	US \$ 250
2.	International Student & Research Scholar	US \$ 150
3.	International Accompanying Person	US \$ 150
4.	National Participant	₹ 10000
5.	National Accompanying Person	₹ 5000
6.	National Student & Research Scholar	₹ 4000
7.	Farmer	₹ 3000
8.	Corporate	₹ 20000
9.	Registration after January 20, 2025	₹ 2000 extra



PAYMENT OF REGISTRATION FEE

Payment of registration fee is a pre-requisite for attending the conference. The XVII ASC prefers online payment using accredited credit/ debit cards/UPI/Net Banking. Alternatively you may also make payment through Demand Draft (DD) drawn in favour of the XVII ASC – GBPUAT, Pantnagar payable at Pantnagar. It is essential to mention the DD number in the Registration Form. DD with copy of registration acknowledgement should be sent to Dr. A. S. Nain, Organizing Secretary and Director, Research, GBPUA&T, Pantnagar.

BANK DETAILS

Account Name : 17 AGRICULTURE SCIENCE CONGRESS

Bank : State Bank of India Branch : Pantnagar

Account Number : 43176897566 IFSC : SBIN0001133 MICR : 263002901

EXHIBITION STALL FEE

S. No.	Category	Fee
1.	Normal	Rs. 2.5 Lakh
2.	Semi-Premium	Rs. 3.0 Lakh
3.	Premium	Rs. 4.0 Lakh

SPONSORSHIP FEE

S. No.	Category	Fee
1.	Platinum	Rs. 20 Lakh
2.	Diamond	Rs. 15 Lakh
3.	Gold	Rs. 10 Lakh
4.	Silver	Rs. 5 Lakh
5.	Bronze	Rs. 3 Lakh



CONGRESS ACCOMMODATION

We are pleased to offer convenient accommodation facilities for all conference attendees, with options located within a short distance from the event venue to ensure a comfortable and accessible stay. The organizing committee will facilitate the limited booking of accommodations at the Conference Venue. There are many other hotels within a 12-18 kms range around the University, especially in Rudrapur. The exact options and types of accommodations depend on the specific facilities and its location. These hotels usually vary in terms of budget, amenities, and quality. We advise you to kindly complete the accommodation booking at the earliest.

List of Hotels

S. No.	Hotels	Distance from the Venue
1.	Hotel Ginger	12 kms
2.	Hotel Radison Blu	12.5 kms
3.	Hotel Udaya Residency	16 kms
4.	Hotel Sonia	15 kms
5.	Hotel Rudra Continental	15 kms
6.	Hotel Venus	16 kms
7.	Hotel Ark	16.5 kms
8.	Hotel Le Castle	15 kms

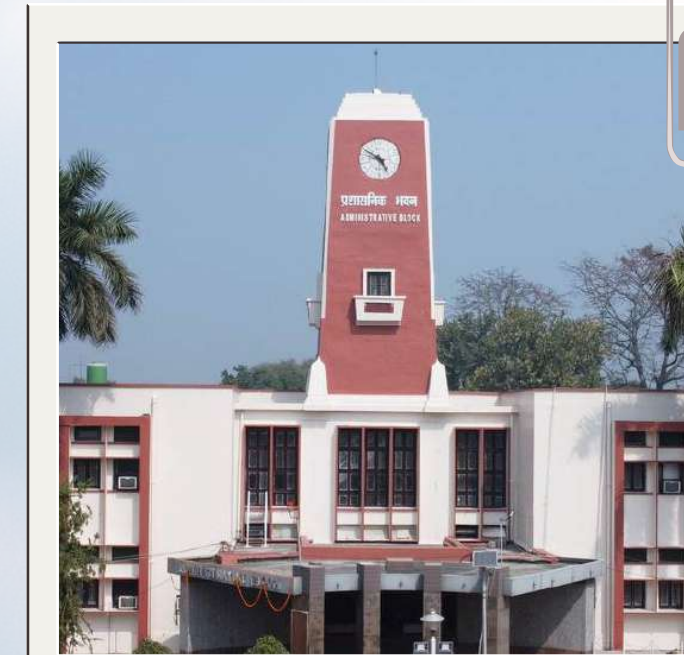
Pick and drop facility will be available from hotel to congress venue.



G B Pant University of Agriculture and Technology Pantnagar

Harbinger of Green Revolution

G B Pant University of Agriculture and Technology, Pantnagar, is a prominent agricultural university located in Pantnagar, Uttarakhand, India. Established in 1960, it was the first agricultural university in India and has played a crucial role in the Green Revolution and agricultural education in the country. Named after Govind Ballabh Pant, a freedom fighter and the first Chief Minister of Uttar Pradesh, the university has been a pioneer in agricultural research, education, and extension. GBPUA&T was established in collaboration with the University of Illinois, USA, marking a significant Indo-American partnership in the field of agriculture. The University offers undergraduate, postgraduate, and doctoral programs in various fields such as Agriculture, Horticulture, Veterinary Sciences, Fisheries, Forestry, Home Science, Basic Sciences, Engineering, and Agribusiness Management. The university has made significant contributions to agricultural research, particularly in developing high-yielding varieties of crops more than 350. GBPUA&T has collaborations with various national and international institutions for research and academic exchange programs. The University has received numerous prestigious awards at both national and international levels, including the Sardar Patel ICAR Outstanding Institution Award. It has secured the top position among agricultural universities. Additionally, the University has been recognized as the top agriculture university in the country with reference to QS World University Rankings.





It is blessed with a rare bio-diversity, inter-alia, 175 rare species of aromatic & medicinal plants are found in the State. It has almost all major climatic zones, making it amenable to a variety of commercial opportunities in horticulture, floriculture and agriculture. It has a vast tourism potential in adventure, leisure, and eco-tourism.



UTTARAKHAND

THE PIOUS LAND "DEVBHOOMI"

Uttarakhand is located at the foothills of the Himalayan mountain ranges, it is largely a hilly State, having international boundaries with China (Tibet) in the north and Nepal in the east. On its north-west lies Himachal Pradesh, while on the south is Uttar Pradesh. It is rich in natural resources especially water and forests with many glaciers, rivers, dense forests and snow-clad mountain peaks. Char-dhams, the four most sacred and revered Hindu temples of Badrinath, Kedarnath, Gangotri and Yamunotri are nestled in the mighty mountains. It's truly God's Land (Dev Bhoomi). Dehradun is the Capital of Uttarakhand. It is one of the most beautiful resort in the submountain tracts of India, known for its scenic surroundings. The town lies in the Dun Valley, on the watershed of the Ganga and Yamuna rivers.





XVII NAAS ASC 2025

Congress Chair

Dr. Himanshu Pathak
Secretary DARE & DG, ICAR
President

National Academy of Agricultural Sciences (NAAS)

Congress Convener

Prof. (Dr.) M.S. Chauhan
Convener & Vice Chancellor

Congress Organizing Secretary

Dr A. S. Nain
Organizing Secretary &
Director Research

GB Pant University of Agriculture and Technology, Pantnagar,
Uttarakhand, India

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