

Annual Convention

of
Society for Plant Biochemistry and Biotechnology (SPBB)
and

National Conference

on
Emerging Innovations in
Biochemistry and Biotechnology
for Holistic Development
of Agriculture

6-7
March, 2025



**Sher-E- Kashmir University of Agricultural
Sciences and Technology of Jammu
(SKUAST-J), Chatha**

ABOUT THE NATIONAL CONFERENCE

It's our pleasure to inform you that Sher-e- Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J), Society for Plant Biochemistry and Biotechnology (SPBB) and Division of Biochemistry, ICAR-IARI, New Delhi are in collaboration to organize National Conference on **“Emerging Innovations in Biochemistry and Biotechnology for Holistic Development of Agriculture”** scheduled on 6th and 7th March, 2025 at Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu, Chatha.

The aim of the conference is to bring together a diverse group of researchers and academicians from around the country to present their research findings as well as to provide them a forum to discuss new ideas, updates, and integrate novel approaches for improvement of plant and animal science concepts with the overarching objective of accelerating the achievements of Sustainable Development Goals (SDGs) by 2030. The conference shall feature technical sessions with plenary, keynote, invited lectures, and contributory oral/poster presentations on thematic areas of the conference viz. advances made in climate change, abiotic-biotic stresses, omics technology, genome editing, and potential goals and strategies for the improvement of crops on which discussion and deliberations would be made up to chart an implementable action plan. The conference's focus on addressing current and upcoming challenges in the areas of agriculture and animal sciences will feature special attention from the industry, academia, and student science leaders.

The event will facilitate knowledge sharing, provide innovative solutions, and policy development for addressing challenges like limited land, climate issues and malnutrition. The focus will be on enhancing resilience, ecosystem health and community well-being through diversified crops, agroforestry, mechanization, livestock integration and introduction of smart agriculture solutions. The conference will provide an opportunity for networking idea sharing, brainstorming and capacity building. It will not only provide solutions but also flag potential issues that need to be addressed in various fields of agriculture, veterinary and allied sectors. Overall, the conference aims to bolster livelihoods, creating lasting positive impacts on mountain communities and landscapes.

HIGHLIGHTS OF CONFERENCE

- ❖ Advances in Biochemistry and Biotechnology in reference to climate change and nutritional security
- ❖ Scientists, industry, farmers, interactions meet with special reference to doubling of farmer's income

THEMES

1. Use of Omics technology in plants and animals
 - a. Gene / QTLs mapping and allele mining
 - b. Genomics, transcriptomics, proteomics, metabolomics and phenomics
 - c. Mutation, Transgenic and Genome editing

2. Advances in biosciences
 - a. Cutting edge research in life science
 - b. Biodiversity and its conservation, IPR and bioethics
 - c. Bio sensor, disease diagnosis microbiome and nanotechnology
 - d. Use of artificial intelligence in agriculture and veterinary sciences
3. Biofortification and post-harvest management
 - a. Biofortification in crop and animal products
 - b. Self-life improvement
 - c. Food processing and food safety
4. Integration of sustainable development goals (SDGs) with Agricultural and Animal Science
 - a. Natural farming / organic farming/ cow based farming and animal production
 - b. Natural resource management
 - c. Minimize the use of Agro-chemicals
5. Climate-smart agricultural production system
 - a. Biotic and abiotic stress management in plants and animals
 - b. Nutritional management in plants and animals
 - c. Developing stress and diseases resilient livestock and crop varieties.
6. Innovations in agriculture and entrepreneurship
 - a. Farm automation
 - b. Monitoring for health care of plant, soil and livestock
 - c. E-platform in agriculture and allied sector

ABSTRACT

We invite abstracts for the oral/poster presentation under the various thematic areas of the conference. Abstract not exceeding 250 words (Times New Roman Font) shall be sent through email (ncibtskuast25@gmail.com). Name of the presenter and theme of submission should be highlighted in bold letters. A special session for “Young Scientist Award” will be organized in collaboration with Springer Nature for scientists below the age group of 40 years.

Last date of submission of abstract: **10th February, 2025**

REGISTRATION

Registration link:

<https://forms.gle/Sxe377Y9uLYYrT1u6>



The details of the registration fee are given below:

Category	Fee (in Indian Rupees)	
	Before 20th February, 2025	On-spot registration
SPBB Member	: 4000.00	4500.00
Student	: 2000.00	2250.00
Faculty/Scientist	: 4500.00	5000.00
Mode of Payment	: UPI / Bank Transfer / NEFT / RTGS / Demand Draft	
Name	: Account Officer FOA	
Account No.	: 1235040510000013	
Bank	: Jammu and Kashmir Bank	
Branch	: SKUAST-J	
IFSC Code	: JAKA0EAURSP	
MICR Code	: 180051087	

ACCOMMODATION

Accommodation shall be available on request basis in the Guest house, Hostel, and hotels near to the university. Students can be accommodated in guest house/ hostels on request (Email: ncibt25@gmail.com).

HOW TO REACH

SKUAST-Jammu is located at Chatha on the outskirts of the city and is well connected to the entire country by air, rail and road. The university is 14 km from Jammu bus stand, 12 km from railway station and only 6 km from airport. Auto rickshaws, taxis and buses are available from the city to the university.

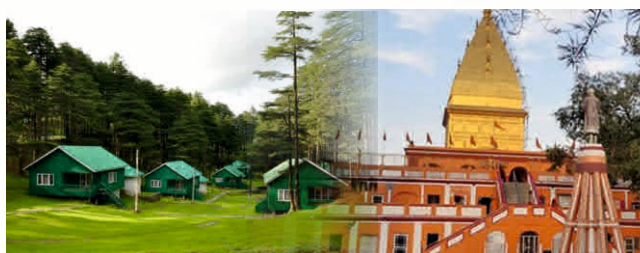
ABOUT THE HOST UNIVERSITY

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) came into existence on 20th September, 1999. The university is mandated to enhanced production in agriculture and allied sectors. SKUAST-Jammu is striving to achieve high standards of excellence in education, research and extension for the betterment of farming community of the region. SKUAST-Jammu is a multi-campus university with its headquarter located at Chatha, Jammu. There are four faculties at Chatha campus viz. Faculty of Agriculture, Faculty of Horticulture & Forestry, Faculty of Agricultural Engineering and Faculty of Basic Sciences, whereas R.S. Pura campus holds 02 faculties viz. Faculty of Veterinary Sciences & Animal Husbandry and Faculty of Dairy Technology. There are 10 Research Stations, Sub-Stations and 09 KVKs in the University which are located in different agro-climatic zones of Jammu region for catering to the location-specific needs of the farming community. University pursues research on high standard through projects funded by various central and state agencies.



ABOUT THE JAMMU CITY

Jammu is a beautiful city in Jammu and Kashmir, situated at 980 feet above mean sea level. Jammu is characterized by sub-tropical climate and located in the lap of Trikuta hills of Shivalik ranges of lower Himalaya. The city has a large number of temples, so earns the title of 'City of Temples'. About 50 km from Jammu is located the town Katra or Katra Vaishno Devi, as it is popularly known. Vaishno Devi is one of the most visited sacred places. At a short distance from Jammu, 100 km is the famous tourist place of Patnitop. The beautiful meadows are surrounded by dense woods and greenery of Pines. The beautiful twin lakes of Mansar and Surinsar are situated within a radius of 50 km from Jammu city. Raghunath temple is another famous temple in the Jammu city. The Bahu fort houses Bave Wali Mata, where Goddess Kali is worshipped. Bagh-e-Bahu, which is a very famous picnic spot for the people of the city.





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