



Two Days National Conference on **Advances in Biochemistry & Biotechnology for Nutritional Security in the Era of Climate Change**

Feb 27– 28, 2026

Organized By

Dr. Rajendra Prasad Central Agricultural University, Pusa
in collaboration with the Division of Biochemistry,
ICAR–Indian Agricultural Research Institute, New Delhi
under the aegis of the Society for Plant Biochemistry and
Biotechnology (SPBB), ICAR–IARI, New Delhi.



Venue:

College of Basic Sciences & Humanities
Dr. Rajendra Prasad Central Agricultural University
Pusa, Samastipur, Bihar - 848 125

Dr. Rajendra Prasad Central Agricultural University

Dr. Rajendra Prasad Central Agricultural University (RPCAU), Pusa, established on 7 October 2016 (formerly Rajendra Agricultural University, founded in 1970), traces its roots to the Agricultural Research Institute and College, Pusa (1905). As the birthplace of agricultural education and research in India, the University continues to advance teaching, research, and extension in agriculture and allied sciences, with special focus on Bihar. With campuses at Pusa, Dholi, and Piprakothi, spread over 2,063 acres. RPCAU offers 10 undergraduate, 28 postgraduate, and 16 doctoral programmes, along with certificate and diploma courses in line with NEP-2020. The university has released multiple crop varieties, holds 11 patents, and operates seven advanced research centres, four research stations, and 16 KVKs to promote farmer-oriented innovations.

College of Basic Sciences & Humanities :

College of Basic Sciences & Humanities (CBSH), established in 1981, now comprises four departments—Agricultural Biotechnology & Molecular Biology, Botany, Plant Physiology & Biochemistry, Microbiology, and Statistics & Computer Applications. Equipped with advanced labs, CBSH integrates life sciences, mathematics, and computational biology to address agricultural and environmental challenges.

Society of Plant Biochemistry & Biotechnology :

Society for Plant Biochemistry and Biotechnology (SPBB), founded in 1991 and headquartered at ICAR-IARI, New Delhi, promotes research in plant biochemistry and biotechnology across India.

About the Conference :

The National Conference on Advances in Biochemistry & Biotechnology for Nutritional Security in the Era of Climate Change served as a platform for scientists, researchers, and academicians to exchange knowledge and innovations. Discussions highlighted recent advances in biochemical and biotechnological tools for improving crop nutrition, stress resilience, and sustainability under changing climatic conditions. Special emphasis was placed on molecular breeding,

nutrient biofortification, and value addition to agricultural produce. The event encouraged interdisciplinary collaboration and showcased cutting-edge research aimed at ensuring food and nutritional security for the future.

Target Audience :

Scientists, faculty, and scholars from agriculture, forestry, horticulture, fisheries, life sciences, biological sciences, KVKs, NGOs, and corporate sectors.

Focus Areas of the Conference :

- 👉 **Climate-Resilient Crops for Nutritional Security** – Crop improvement for drought, heat, and salinity tolerance; genetic biofortification; promoting indigenous and orphan crops.
- 👉 **Plant Metabolomics & Systems Biology** – Multi-omics integration for stress biology; stress-responsive metabolites; predictive modelling of plant responses.
- 👉 **Biotechnological Innovations** – Transgenic and synthetic biology approaches; genome editing tools (e.g., CRISPR/Cas) for enhancing crop resilience and productivity.
- 👉 **Plant–Soil–Microbe Interactions** – Beneficial microbes in stress management; engineering soil microbiomes; interactions in forest crops under climate change.
- 👉 **Advances in Nutritional Biochemistry & Post-Harvest Management** – Engineering solutions for nutrient preservation, quality retention, and innovative functional food development.
- 👉 **Innovative Processing and Genomic Strategies for High-Quality Animal and Fish-Based Foods**– Genomic improvement, bio-preservation, advanced processing, value addition, traceability, and post-harvest loss reduction for high-quality animal and fish-based foods.

Abstract Submission Guidelines :

Deadline: 25 December 2025. Send abstracts (max 300 words) to pbbconference2026@gmail.com in MS Word format, Times New Roman, 12 pt. Include author name(s), affiliation, and email. Clearly state objectives, methods, and key findings relevant to the conference themes. Acceptance notifications by 10 January 2026.

Registration and Accommodation

Category	EARLY BIRD	ON SPOT
Members	₹ 4500/-	₹5000/-
Non- Members	₹5000/-	₹5500/-
Accompanying Persons	₹3500/-	₹4000/-
Students and Scholars	₹2000/-	₹2500/-

The out-station participants will be provided with the boarding and lodging facilities on payment basis in the University Guest House nearest hotels. Breakfast, Lunch & Dinner will be provided during the two days conference at the Venue No TA/DA will be given to the participants.

Registration link

Payment can be done through online transfer mode (only) to the account details given below

Name of the Bank : Punjab National Bank
Account Holder Name : PBB Conference and Workshop
Bank Account Number : 4512002100004023
Branch : PNB RAU Pusa
IFSC Code : PUNB0451200

SCAN & PAY



Nalanda (World Heritage Site)



Pawapuri



Baba Garib Sthan Mandir, Muzaffarpur



Bhoddh Gaya



Near by
Tourist
Attractions



Mithila Haat, Madhubani



Janaki Mandir, Nepal



Jayprakash Narayan International Airport, Patna 95 km distance which will take 2.5 hr via NH 3 Darbhanga airport, Darbhanga 50 km away which will take 1 hr 10 min by road via NH 27.



The nearest railway stations are Samastipur Jn (SPJ) 16 km away and Muzaffarpur Jn (MFP) 35 km away, where all major trains stop.



The Pusa campus can be reached by road through National Highway No. 28 and NH 27, NH 322 by hiring taxi or by buses.



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Honorable Vice Chancellor
RPCAU, Pusa, Bihar



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- Prof. U.P. Singh Director, Institute of Agricultural Sciences, BHU, Varanasi

Potential Speakers :

- Dr. Rajeev Varshney Former Director ICRISAT & Director of the Western Australian State Agricultural Biotechnology Centre, Murdoch University
- Dr. Ashwani Pareek Director, NABI, Mohali
- Dr. Sneha Pareek Group Leader, Plant Stress Biology, ICGEB, New Delhi
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