



# 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. Prediction using statistical modelling & machine learning. AI in Agriculture.
- 👉 **Plant Metabolomics & Systems Biology** – Multi-omics integration for stress biology; stress-responsive metabolites; predictive modelling of plant responses. Multivariate statistics in metabolomic dataset.
- 👉 **Biotechnological Innovations** – Transgenic and synthetic biology approaches; genome editing tools (e.g., CRISPR/Cas) for enhancing crop resilience and productivity. In silico modelling.
- 👉 **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: 10<sup>th</sup> February, 2026. Send abstracts (max 300 words) to [ppbconference2026@gmail.com](mailto:ppbconference2026@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 15<sup>th</sup> February, 2026.

Contact No. : 6200709286, 7760760610

## Registration and Accommodation

Category	EARLY BIRD	ON SPOT
Members	₹ 4500/-	₹5000/-
Non- Members	₹5000/-	₹5500/-
Accompanying Persons	₹3500/-	₹4000/-
Students and Scholars	₹2000/-	₹2500/-
Industry Participants	₹10000/-	₹12000/-

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 :** <https://docs.google.com/forms/d/e/1FAIpQLSfbjThvJqwm1NdQVWYgiQpKCiHJ6--FCogasV3Z-i3f5Xvow/viewform>

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

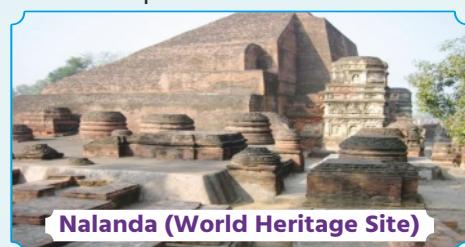
**SCAN & PAY**



### Awards

SPBB-Springer Young Scientist Award 2026 to the young scientists/students (Ph.D) in the field of Plant Biochemistry, Biotechnology, and Life Sciences. click here for more information <https://spbbindia.org/national-conference-2026/>

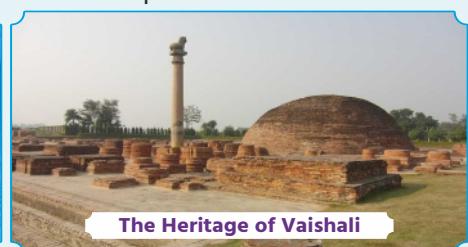
Best three presenters will be awarded in each technical session both in poster & oral presentation



Nalanda (World Heritage Site)



Pawapuri



The Heritage of Vaishali



Bodh 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 1hr 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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**Dr. P. S. Pandey**  
Honorable Vice Chancellor  
RPCAU, Pusa, Bihar



**Patron**  
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President, SPBB & former DDG  
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**Convenor**  
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