



अनुसंधान नेशनल रिसर्च फाउंडेशन  
Anusandhan National Research Foundation



### THEMES OF THE CONFERENCE

1. Biodiversity and Ecology
2. Agriculture and Crop Improvement
3. Impact of Altered Environment on Living Organisms
4. Human Health and Diseases
5. Emerging Trends in Modern Biology



# National Conference

## Biosynergy 2025:

### BRIDGING BIODIVERSITY, AGRICULTURE AND HEALTH FOR A SUSTAINABLE FUTURE

**BBAH 2025**

**APRIL 24-25, 2025**

### ORGANIZED BY

Department of Life Sciences  
Presidency University (Main Campus)  
86/1 College Street, Kolkata-700073, India

### KEY FEATURES

- Pre-Conference Workshop
- Key Note, Plenary & Invited Lectures
- Dr. Srilekha Raha Memorial Lecture
- Thematic Technical Sessions
  - Oral Presentations
  - Poster Presentations
- Open Forum for Collaborative Networking

### REGISTRATION



[Click here](#)

### Registration Fees:

- M.Sc. Students: ₹1500/-
- Research Scholars: ₹2000/-
- Post Doctoral Fellow: ₹3000/-
- Scientists/Faculties: ₹3500/-
- Industry Participants: ₹5000/-

**LAST DATE FOR PAYMENT &  
ABSTRACT SUBMISSION: 15.04.2025**

Submit abstract by Email:  
[bbah2025dls@presiuniv.ac.in](mailto:bbah2025dls@presiuniv.ac.in)

## ABOUT THE CONFERENCE



Keeping in mind the plurality and inclusivity of life sciences, we are nurturing all aspects of life-forms by exploring the interface and other related domains. We have carefully selected those topics that are not only limited to biodiversity, environment, agriculture, health and diseases, but also the other aspects of modern biology. The true essence of the conference relies on the multidisciplinary endeavours such as modern trends in nano-science, epidemiology, pharmaco-therapeutics and also other multifaceted, ever-evolving aspects of biology including various flora & fauna, microbes and their interactions with the environment.

Being a multi- and inter-disciplinary department, we, the members of the department of Life Sciences, welcome eminent plant biologists, zoologists, physiologists, microbiologists, agricultural scientists and environmental biologists alongside the esteemed researchers from the fields of physics, chemistry, medicine, geoscience and so on. The conference also aims at exploring the competencies of young researchers who are polishing futuristic tools and techniques of different disciplines such as natural sciences, social sciences and engineering areas by analyzing the cause and effects of many systems and for developing appropriate solutions via fostering the collaboration and also for dissolving the barriers between different disciplines.

Department of Life Sciences, Presidency University is playing pivotal role in advancing life sciences since its inception in 2013, formed by amalgamation of six biological units of one of the oldest institutions of India with academic excellence, erstwhile Presidency College, Kolkata. We hope that this event BBAH 2025 will create a platform for scientists, researchers, industrialists and for the students of our country to share latest advancement, addressing challenges for future directions of science from the perspective of the most important Global issues - 'Climate Change'.

# EMINENT SPEAKERS



## KEYNOTE SPEAKER

### PROF. SUMAN CHAKRABORTY

Chair Professor, Department of Mechanical Engineering & Sir J. C. Bose National Fellow  
Formerly: Head School of Medical Science and Technology  
IIT, Kharagpur

## Dr. SRILEKHA RAHA MEMORIAL LECTURE

### PROF. DEBASHISH MITRA

DBT-Distinguished Scientist  
National Centre for Cell Science  
(NCCS), Pune



## PLENARY SPEAKERS



### PROF. ANINDYA SINHA

Professor, School of Natural Sciences and Engineering  
National Institute of Advanced Studies (NIAS),  
IISC, Bengaluru

### PROF. JAYASRI DAS SARMA

Professor, Department of Biological Sciences  
Neural Cell Biology, Neuroscience  
IISER Kolkata



### PROF. SUBHRA CHAKRABORTY

JC Bose fellow, Distinguish Scientist, Former Director NIPGR,  
National Institute of Plant Genome Research (NIPGR), New Delhi

### PROF. SWAGATA DASGUPTA

Professor, Department of Chemistry  
IIT, Kharagpur



### PROF. BISWADIP DAS

Professor, Department of Life Science and  
Biotechnology  
Jadavpur University, Kolkata



### PROF. SRIKANTA GOSWAMI

National Institute of Biomedical Genomics  
(NIBMG), Kolkata



## INVITED SPEAKERS



### Dr. SUBHALAKSHMI GHOSH

Founder & Director  
Subhami Biopharma (OPC) Pvt. Ltd.  
Kolkata



### PROF. SURAJIT DAS

Department of Life Science, National Institute of  
Technology Rourkela



### Dr. DEBAL DEB

Founder of the Rice Seed Banks, Vrihi and Basudha  
Centre for Interdisciplinary Studies, Kolkata



# ORGANIZING COMMITTEE

## CHIEF PATRON

**Prof. Nirmalya Narayan Chakraborty**  
Vice Chancellor, Presidency University, Kolkata

## PATRON

**Dr. Debajyoti Konar**  
Registrar, Presidency University, Kolkata

## JOINT CONVENERS

**Prof. Prabir Kumar Mukhopadhyay (HOD)**  
& **Prof. Mousumi Poddar Sarkar**  
Department of Life Sciences, Presidency University, Kolkata

## JOINT SECRETARIES

**Prof. Kousik Pramanick & Prof. Mausumi Sikdar (nee Bhakta)**

## TREASURERS

**Dr. Kalyan Giri & Dr. Ranjana Pal**

## WORKING COMMITTEE

**Dr. Nazmiara Sabnam (in-charge)**  
& Research scholars

## EDITORIAL COMMITTEES

**Prof. Mausumi Sikdar (nee Bhakta) (Editor-in-chief)**

### 1. Biodiversity & Ecology:

**Prof. Mousumi Poddar Sarkar, Dr. Puja Ray, Dr. Souryadeep Mukherjee, Dr. Sumit Mandal**

### 2. Agriculture and Crop Improvement:

**Prof. Abhijit Dey, Dr. Malay Das, Dr. M Ganesan, Dr. Ayan Das, Dr. Nazmiara Sabnam**

### 3. Impact of Altered Environment on Living Organisms:

**Prof. Prabir Kumar Mukhopadhyay, Prof. Devashish Sen, Prof. Mausumi Sikdar (nee Bhakta),  
Prof. Kousik Pramanick, Prof. Amlan Ghosh, Dr. MD Nur Alam**

### 4. Human Health & Diseases:

**Dr. Ranjana Pal, Dr. Nabendu Biswas, Dr. Shampa Sarkar (Biswas), Dr. Santanu Chakraborty,  
Dr. Aparna Mukhopadhyay, Dr. Susmita Mondal, Dr. Kaushiki Biswas**

### 5. Emerging Trends in Modern Biology:

**Dr. Sanghamitra Dey, Dr. Devrani Mitra, Dr. Sugopa Sengupta, Dr. Kalyan Giri,  
Dr. Pralay Majumder, Dr. Sutapa Saha**

# One-day Conference-Linked-Workshop on Scanning Electron Microscope

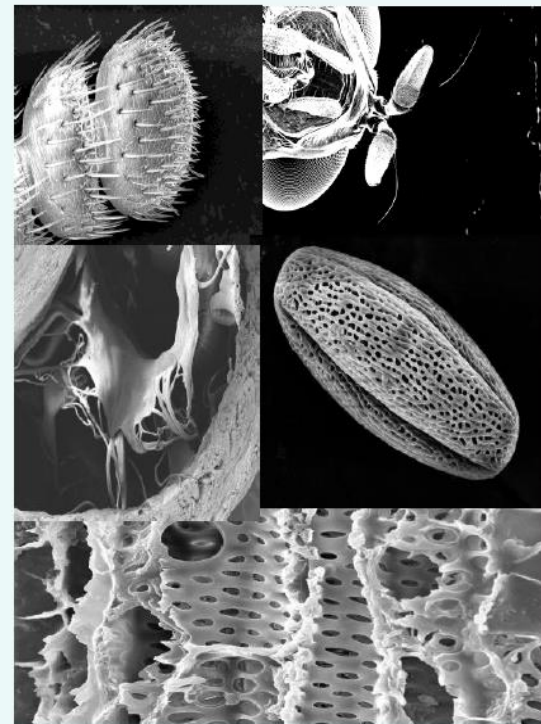
Organized By

**Department of Life Sciences**  
Presidency University  
Main campus, 86/1 College Street  
Kolkata-700073, India

**Date: 23.04.2025**

Supported by: DBT Builder Programme, Govt. of India  
under  
“National Instrument Facility”

Email: [bbah2025dls@presiuniv.ac.in](mailto:bbah2025dls@presiuniv.ac.in)



**ZEISS**

# How to Reach

✈ From Netaji Subhas Chandra Bose International Airport

📏 Distance: ~17 km

🚗 By Taxi/Uber/Ola/Ride-share ₹30–40 mins

📍 Route: VIP Road → Maniktala Main Road

🚌 By Bus

📍 Route: Airport → Ultadanga → College Street ₹ ₹  
~1 hour (subject to traffic)

🚇 By Metro → College Street  
(Available from all routes)

🚆 From Howrah Railway Station

📏 Distance: ~5 km

🚗 By Taxi/Uber/Ola/Ride-share ₹ ₹ 20–30 mins

📍 Route: Howrah Bridge → MG Road

🚌 By Bus

🚶 Multiple routes to College Street

🕒 30–40 mins

🚢 By Ferry + Walk/Taxi

📍 Ferry to Baghbazar → ⚓/Taxi to campus

🕒 40 mins total

*Getting to Presidency University,  
College Street, Kolkata – 700073*



## DISCOVER THE CITY OF JOY

With a day or two at hand, exploring Kolkata promises a fulfilling experience.



### Nearby Attractions:

Presidency University enjoys proximity to major city landmarks. For more, check West Bengal Tourism or top places near Kolkata



### Culinary delights:

Kolkata's cuisine blends sweet and spicy notes. Don't miss its iconic street food, traditional Bengali dishes, and desserts. You can try the following:



Best restaurants in Kolkata  
Street foods  
Sweets and Desserts



## REGISTRATION PROCESS

- Only for Conference: Yes (Pay now)
- Both the Conference and Conference-linked-workshop on Scanning Electron Microscope (SEM): Yes/No (if yes, now need to pay ONLY Conference Registration Fee)

The **Conference-linked-workshop on SEM** is open for 20 participants (for Research Scholars only) under the programme for “DBT-BUILDER National Instrument Facility” (2022-2027) of Govt. of India. Candidates will be selected on first come first serve basis. Selected candidates for Workshop on SEM will be informed via email and they need to pay an additional amount of Rs. 500/- only. Separate Payment gateway will be opened for the selected candidates of the workshop.

**Contact:** FAQ, if any: Address to the Working Committee-in-Charge:

**Dr. Nazmiara Sabnam**, Assistant Professor,  
Department of Life Sciences,  
Presidency University, Kolkata 700073.  
Email: bbah2025dls@presiuniv.ac.in

**Last date of Registration: 15.04.2025, Midnight, IST.**

**Link for Payment:** <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=469266>

# ABSTRACT SUBMISSION

## Select and Write Theme:

**National Conference “Biosynergy 2025: Bridging Biodiversity, Agriculture, and Health for a Sustainable Future” from April 24-25, 2025**

**“Title: Times New Roman, 14, Bold, Centred, and Spacing – before 8 pt, after 0 pt, Line Spacing: single”**

“Author(s) Names: Times New Roman, 12, Justified, Spacing – before 8 pt, after 0 pt, Line spacing: single”  
[Please mark the Presenting author with “#” and the Corresponding author with “\*”]

“Authors’ affiliations: Times New Roman, 12, Justified, Spacing – before 8 pt, after 0 pt, Line spacing: single” [Please mention the Email Id of the Presenting author and the Corresponding author]

“Abstract (maximum 300 words): Times New Roman, 12, Justified, Spacing – before 8 pt, after 0 pt, Line spacing: single”

**Keywords:** (maximum 6 separated by semicolons)

- Signature with Date of Presenting Author
- Write your Transaction ID after Payment

**\*Please submit Abstract in both editable word file and pdf versions.**



## DETAILS OF PARTICIPANT: **SUBJECT BBAH 2025**

Salutation: Prof./Dr/Sri/Smt./others  
Name:  
Address:  
Email Id:  
WhatsApp No:  
Alternative No:  
Sex:  
Category:  
Highest Academic Qualification:  
Designation: *M.Sc./M.Tech Student/Research Scholar/PDF/Faculty/Scientist/Industry Personnel*  
Affiliation:  
Institutional Address:  
Food Preference: Veg/Non-veg  
Accommodation (Charges extra), if required: Yes/No  
Registration Fee for Conference Only: Yes/No  
Registration fee for both the Conference and SEM workshop: Yes/No

- **M.Sc./M.Tech Student: Rs. 1500/-**
- **Research Scholar: Rs. 2000/-**
- **Post Doctoral Fellow: Rs. 3000/-**
- **Scientists/Faculty: Rs. 3500/-**
- **Industry Participant: Rs. 5000/-**

# Note down the Transaction ID for Payment.  
# Take a screenshot of the payment receipt.

**Note:** For details of Accommodation (if required) will be intimated later on. \*Accommodation Charge is extra.