



About the Organizers



Visva-Bharati has been a pilgrimage for education since its foundation in 1901. It continues the legacy of the Tagorean philosophy of holistic human welfare and social development even after attending the status of the Central University in 1951. It scaffolded an edifice of alternate model of education under the lap of the nature with a free and fearless mind. The Department of Botany has been an integral part of this institution since 1961 and presently recognized as UGC-DRS-II (2015) and DST-FIST-II (2016) sponsored center. The department has been relentlessly producing vivacious young minds and researchers for the nation.

Theme Areas of the Conference

- Plant-microbe interaction
- Microbial diversity & utilization
- Biomolecules & genetic regulations
- Plant diversity & utilization
- Conservation of bioresources
- Plant & microbial ecology

☀ Informative Entrepreneur's Session

Eminent Speakers

- Dr. Subhra Chakraborty (Ex-Director & Scientist, NIPGR, New Delhi)
- Dr. Ranjan Sen (Ex-Director, IACS, Kolkata & Scientist, CDFD, Hyderabad)
- Prof. Dilip Kumar Maiti (Vice-Chancellor, Biswa Bangla University)
- Prof. Sudip Chattopadhyay (Professor, NIT Durgapur)
- Prof. Adinpunya Mitra (Professor, IIT Kharagpur)
- Prof. Rajesh Tandon (Professor, University of Delhi)
- Prof. Ranadhir Chakraborty (Professor, University of North Bengal)
- Prof. Krishnendu Acharya (Professor, University of Calcutta)
- Prof. Alka Kumari (Professor, University of Lucknow)

Registration & Abstract submission

Participants	Registration fee
Faculty/ Industry persons	Rs. 3000/-
Postdocs	Rs. 2500/-
Ph.D. students	Rs. 2000/-
M.Sc. Students	Rs. 1200/-

Organizing Committee

Patron

Prof. Binoy Kumar Saren
Hon'ble Vice-Chancellor, Visva-Bharati (Offg.)

President

Prof. Narayan Chandra Mandal
Principal, Siksha Bhavana

Chairperson

Prof. Subrata Mondal
Head, Department of Botany

Joint Convenors

Prof. Narayan Chandra Mandal
Prof. Chowdhury Habibur Rahaman

Organizing Secretaries

Dr. Jnanendra Rath
Dr. Bomba Dam

Joint Organizing Secretaries

Dr. Anjalika Roy
Dr. Anindya Biswas

Treasurer

Dr. Hema Gupta Joshi
Dr. Subhrangshu Mandal

Advisory Committee

Prof. Swadesh Ranjan Biswas, Dr. Soma Sukul,
Dr. Adani Lokho, Dr. Nandlal Mandal.

Correspondence

seminar.botany@visva-bharati.ac.in

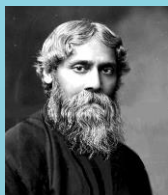
For further details:



Two-day National Conference
On

Plants & Microbes: Their Interaction and Utilization

March 7-8, 2025



Organized by

Department of Botany
(UGC-DRS & DST-FIST Sponsored)
Siksha Bhavana (Institute of Science)
Visva-Bharati, Santiniketan,
West Bengal-731235

Registration opens: 20th January 2025
Registration deadline: 20th February 2025

Registration & Abstract submission link

<https://forms.gle/hya1VhRYKaeU7gqS7>

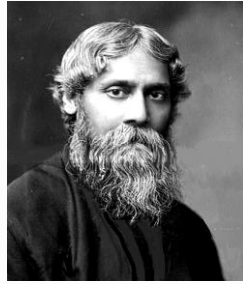


☀ Attractive Cash Prize for Best Oral & Poster Presentation



Two-day National Conference
On

**Plants & Microbes:
Their Interaction and Utilization**
March 7-8, 2025



Organized by

Department of Botany

(UGC-DRS & DST-FIST Sponsored)

Siksha Bhavana (Institute of Science)

Visva-Bharati, Santiniketan,

West Bengal-731235

Welcome message

Dear Esteemed Guests, Distinguished Scientists, Researchers, Industry Professionals, and Students, it is with immense pleasure and enthusiasm that we extend a heartfelt welcome to each one of you to the national Conference on "**Plants and Microbes: Their Interaction and Utilization**" hosted by the Department of Botany, Visva-Bharati on 07-08 March 2025. As we gather here, we are honored to witness the convergence of brilliant minds from different parts of the country, all dedicated to advancing our understanding of the plant and microbial groups, and how they interact, and how they can be better exploited for societal benefit.

This conference provides a unique platform for the exchange of ideas, fostering collaborations, and sparking innovation in the field. The scientific program curated for two days offers insights, discoveries, and breakthroughs in the themes. We are privileged to have eminent speakers from various parts of the country, who will share their expertise, research findings, and visionary perspectives. The diverse range of topics covered within the domain of the conference would surely offer a comprehensive overview of current trends and future directions.

Following the focus of the Government of India towards 'promoting entrepreneurship' under the flagship programs 'Make in India' and 'Viksit Bharat' we have kept a special session where faculties and students would get to know how the science that we do in the lab can be translated into real world business and how we can become self-reliant.

To the research scholars and students, we encourage you to actively engage in discussions, ask questions, and connect with seasoned professionals, and the budding entrepreneurs. Your enthusiasm and fresh perspectives are invaluable, and this conference will undoubtedly be a catalyst for your academic and professional growth.

To our industry partners, academicians, and eminent speakers, your presence adds a practical dimension to our discussions. Your insights are pivotal in shaping the future of the young minds.

Once again, we invite you all to actively participate and engage with our speakers and fellow participants. Let us seize this opportunity to deepen our understanding in the subject area.

**Department of Botany
Visva-Bharati, Santiniketan**

About the University



Gurudev Rabindranath Tagore
(1861-1941)

“Visva-Bharati represents India where she has her wealth of mind which is for all. Visva-Bharati acknowledges India's obligation to offer to others the hospitality of her best culture and India's right to accept from others their best”.



Visva-Bharati, founded by Asia's first Noble Laureate, Gurudev Rabindranath Tagore, is a Central University and an Institution of National Importance (declared by an act of Parliament in 1951). Visva-Bharati has been a pilgrimage for education and culture since its foundation in 1901. It continues the legacy of the Tagorean philosophy of holistic human welfare and social development. It scaffolded an edifice of alternate model of education under the lap of the nature with a free and fearless mind, emphasizing on practical aspects of learning and the same philosophies have been adopted in the New Education Policy 2020 of Government of India. The University is structured into Nine Bhavana's, several centers and prominent Schools. Among them, Siksha-Bhavana (Institute of Science) caters the Science subjects.

About the Department

The Department of Botany is one of the academic departments under Siksha Bhavana. The department came into existence with an Undergraduate course in 1965, followed by Post graduate curriculum introduced in 1967. The department gradually grew in stature both in the field of teaching and research and earned reputation. Presently research works are being carried out in various frontier as well as classical areas of plant sciences including Microbiology, Mycology, Plant Pathology, Plant-microbe Interaction, Phycology, Plant Physiology, Biochemistry and Molecular Biology, Plant Biotechnology, Plant Anatomy & Pharmacognosy, Pteridology, Angiosperm Taxonomy and Ecology. The teaching curricula of the department both at UG and PG levels have been updated following UGC guidelines with the latest NEP-2020 syllabus implemented at the UG level, and choice-based credit systems at the PG level.

The department has received national recognition from various agencies of Government of India, namely, DST-FIST and UGC-DRS for Special Assistance Programme. In recent years, faculty members have also received extramural fundings from various Govt. agencies viz., DBT, SERB, UGC, BSI, DST, Govt. of WB, CSIR, ICMR, and Tea Board. Our faculty members received several prestigious awards from International and National organizations in recognition of their works viz., Alexander Von Humboldt Research Fellowship, Max Planck Post-Doc Fellowship, Raman Post Doc Fellowship, INSA Exchange Fellowship, Visiting Scientist in different countries.

Our students are also doing fantastic. They regularly qualify various National level tests for research entry with fellowships. Alumni of this Department in the last decade have got positions in prestigious Institutes (like IISc, Bangalore), Universities, Colleges, and different government positions. Recently, doctorate students, based on the research work performed in the Department have ventured into Entrepreneurship.

The Department has paid reverence to the founder of the University, Rabindranath Tagore by naming a novel beneficial biofertilizer bacteria after him as *Pantoea tagorei*. In addition, novel plant and algal species are also documented by the department.

Organizing committee

Patron

Prof. Binoy Kumar Saren
Hon'ble Vice-Chancellor, Visva-Bharati (Offg.)

President

Prof. Narayan Chandra Mandal
Principal, Siksha Bhavana

Chairperson

Prof. Subrata Mondal
Head, Department of Botany

Joint Convenors

Prof. Narayan Chandra Mandal
Prof. Chowdhury Habibur Rahaman

Organizing Secretaries

Dr. Jnanendra Rath
Dr. Bomba Dam

Joint Organizing Secretaries

Dr. Anjalika Roy
Dr. Anindya Biswas

Treasurer

Dr. Hema Gupta Joshi
Dr. Subhrangshu Mandal

Advisory Committee

Prof. Swadesh Ranjan Biswas, Dr. Soma Sukul,
Dr. Adani Lokho, Dr. Nandlal Mandal

Eminent speakers

Dr. Subhra Chakraborty

Ex-Director & Scientist, NIPGR, New Delhi

Dr. Ranjan Sen

Ex-Director, IACS, Kolkata & Scientist, CDFD, Hyderabad

Prof. Dilip Kumar Maiti

Vice Chancellor, Biswa Bangla University

Prof. Sudip Chattopadhyay

Professor, NIT Durgapur

Prof. Adinpunya Mitra

Professor, IIT Kharagpur

Prof. Rajesh Tandon

Professor, University of Delhi

Prof. Ranadhir Chakraborty

Professor, University of North Bengal

Prof. Krishnendu Acharya

Professor, University of Calcutta

Prof. Alka Kumari

Professor, University of Lucknow

Dr. Sonali Roy

Chief Operating Officer, RISE Foundation, IISER Kolkata

Dr. Saptarshi Chatterjee

Associate Director, Incubation, Adamas University

Dr. Alok Kumar Hazra

Scientist, Quality Testing Laboratory, RKMVERI

Highlights of the event

- Eminent academicians, scientists, researchers from universities, institutes, industries and other research organizations from different parts of the country will share their scientific excellence, technical expertise, knowledge, experiences with the participants.
- Interactive scientific sessions encompassing multidisciplinary topics ranging from microbes to higher plants along with their interaction, molecular insights, genetics, ecology and utilization will provide a comprehensive overview of the latest advancements, fostering a rich exchange of ideas among participants.
- Oral and poster presentation sessions will create an open horizon to the budding researchers and young minds for showcasing their cutting-edge research and exchanging ideas with the vibrant research community and eminent academicians.
- A fascinating entrepreneur's session will exhibit an insightful platform for all the participants about translation of knowledges, application of the scientific skills towards an industrial arena, and knowledge building for market opportunity, job creation, business plans leading to financial success and stability.

Theme areas of the Conference

- **Plant-Microbe Interaction**
- **Microbial diversity & utilization**
- **Biomolecules & genetic regulations**
- **Plant diversity & utilization**
- **Conservation of bioresources**
- **Plant & microbial ecology**

Call for Abstracts

We welcome scientific presentations (oral and poster) from the researchers, academicians, and industry persons according to the theme areas of the conference. One-page abstract (**word limit: 250**) as **MS Word only** (.doc or .docx) for oral and poster presentation needs to be uploaded in the Google form for registration and abstract submission.

Format: Title (**Bold, Times New Roman 14**), Author list (Times New Roman 12; Name of the presenting author should be underlined; corresponding author*), Affiliation (Times New Roman 12), Body (Times New Roman 12, line spacing 1.5). Maximum five key words are allowed (Times New Roman 12, line spacing 1.5)

***** Selection for oral presentation will be decided after screening of the submitted abstracts. If not selected for oral, it will be considered for poster presentation. Decision made by the organizing committee regarding this will be FINAL.**

Awards

Cash Prizes for Best Oral and Poster Presentation.

Additionally, certificates will be provided to the best two presentations under each theme.

Registration

All participants need to **register** to attend the conference by **filling up the registration form** (go to the registration link provided) and **paying the appropriate registration fee** (details of the payment is mentioned below) by the **last date** of registration and abstract submission.

Registration and Abstract submission opening: 20th January 2025

Registration and Abstract submission deadline: 20th February 2025

Register for the conference

Google Form link: <https://forms.gle/hya1VhRYKaeU7gqS7>



Details of the registration fees

Participants	Registration fee
Faculty/ Industry persons	Rs. 3000/-
Post docs	Rs. 2500/-
Ph.D. Students	Rs. 2000/-
M.Sc. Students	Rs. 1200/-

*** **Registration Fee** includes Seminar Kits, Refreshments and meals; **except for Accommodation**. Registration Fee is **non-refundable and non-adjustable**.

Mode of payment

The payment should be made through **online mode only**. Guidelines to make payment through 'SBI Collect' Module **under State Bank of India** as follows,

1. Please type <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>
2. Click on the "Educational Institutions"
3. Search "VISVA BHARATI UNIVERSITY" in search box.
4. Select Payment Category " Misc Receipt"
5. Fill up all details and Select Purpose of Deposit " Other"
6. In Remarks type "**Botany 2025**"
7. Note down the Transaction ID and provide it in Google form during registration.
8. Take screenshot of payment receipt and upload it through Google form during registration.

Accommodations

Limited number of beds are available for M.Sc. and Ph.D. students in University 16-bed dormitory (@Rs.350 per night only for Girls); 4-bed (@Rs.400 per night) or 3-bed accommodation (@Rs.500 per night). Willing participants can opt for availing accommodation for 6-8th March 2025 in the registration form. Willing participants will be communicated after 20/02/2025 regarding payment and confirmation related to their accommodation separately. Others can arrange accommodation by their own.

Contact details of options near the venue

	Hotels	Contact details
1.	Hotel Royal Bengal	Ph. 9007982002 / 9007382002
2.	Tourist Lodge	Ph. 9732100920 (Manager)/ (03463) 252699 Website: www.wbtdcl.com (Online booking only)
3.	Park Guest House	Ph. 9378321552/ 980067869/9434012420 E-mail: lalkilla@hotmail.com / parkguesthouse11@gmail.com
4.	Lodge Manasi	Ph. 7585009222
5.	Maa Sarada Lodge	Ph. 9091830795/03463-255181
6.	Bolpur Youth Hostel	Ph. 6292248863/ 9002796402 Website: Lodge Swagatam(Online booking only)
7.	Iti Mrinalini Homestay	Ph no: 9609920333
8.	Kunja Homestay	Ph no. 9064629141

Post Conference attractions



Santiniketan campus



Rabindra Bhavan Museum



Srijani Shilpagram



Sonajhuri Haat



Amar Kutir Handicraft Centre



Kankalitala Temple