

## ORGANIZING COMMITTEE

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**Prof. Dr. R. Jagannathan**, Hon'ble Vice Chancellor, Periyar University, Salem.

### PATRON

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**Prof. Dr. K. Selvam**, Professor & Head, Department of Botany, Periyar University, Salem.

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**Dr. S. Murugesan**, Assistant Professor, Department of Botany, Periyar University, Salem.

### ORGANIZING & EXECUTIVE COMMITTEE

**Dr. D. Arulbalachandran**, Assistant Professor, Department of Botany, Periyar University, Salem.

**Dr. S. Lalitha**, Assistant Professor, Department of Botany, Periyar University, Salem.

**Dr. A. Maruthupandian**, Assistant Professor, Department of Botany, Periyar University, Salem.

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**Prof. David Tissue**, Agriculture & Food Science, Western Sydney University, Australia.

**Prof. Marcio Aurelio Pinheiro Almeida**, Coordination of Science and Technology, Universidade Federal do Maranhao, Brazil.

**Prof. Sharad Ramanathan**, Neurosciences and of Molecular and Cellular Biology, Harvard University, Cambridge, USA

**Prof. Christopher O. Barnes**, Biology, Stanford University, USA

**Prof. Anthony Barnosky**, Biology, Stanford University, USA

**Dr. Sarah E. Cobey**, Associate Professor of Ecology and Evolution, University of Chicago, USA

**Prof. Jueqi Chen**, Department of Microbiology, University of Chicago, USA

**Prof. Douglas K. Bishop**, Radiation and Cellular Oncology, University of Chicago, USA

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**Dr. Masato Nakai**, Associate Professor, Organelle Biology, Osaka university, Japan

**Prof. Mariko Okada**, Institute for Protein Research, Osaka university, Japan

**Prof. Qinghua Tao**, Department of Biological Sciences and Biotechnology, Tsinghua University, China

**Dr. Zhi Lu**, Associate Professor, Bioinformatics and Genomics, Tsinghua University, Beijing, China

**Prof. Juthamas Chaiwanon**, Department of Botany, Chulalongkorn University, Bangkok, Thailand

**Prof. Kanogwan Seraypheap**, Department of Botany, Chulalongkorn University, Bangkok, Thailand

**Dr. Yupyn Chintapakorn**, Department of Botany, Chulalongkorn University, Bangkok, Thailand

**Prof. Nanthika Khongchareonporn (Panchan)**, The Institute of Biotechnology and Genetic Engineering, Chulalongkorn University, Bangkok, Thailand.

**Dr. Kasem Soyong**, Associate Professor, Association of Agricultural Technology in Southeast Asia, Bangkok, Thailand

### NATIONAL

**Dr. A. Arunachalam**, Director, ICAR - CARI, Rajasthan

**Dr. K. Swaminathan**, BSR Fellow, Bharathiar University, Coimbatore, Tamil Nadu

**Prof. A. Panneerselvam**, Retd, Dept. of Botany, AVVM Sri Pushpam College, Thanjavur, Tamil Nadu

**Dr. N. Mathivanan**, Director & Head, CAS in Botany, University of Madras, Tamil Nadu

**Dr. K. Kadirvelu**, Director i/c, DRDO-Industry Academia of Centre for Excellence (DIS COE), Bharathiar University, Coimbatore, Tamil Nadu

**Prof. T. Parimelazhagan**, Bharathiar University, Coimbatore, Tamil Nadu

**Dr. T. Muthukumar**, Associate Professor, Dept. of Botany, Bharathiar University, Coimbatore, Tamil Nadu

**Dr. P.K. Satheshkumar**, Associate Professor, Dept. of Botany, Banaras Hindu University, Varanasi, Uttar Pradesh

**Prof. P. Palani**, CAS in Botany, University of Madras, Chennai, Tamil Nadu

**Prof. P. Ravichandran**, Dept. of Plant Science, Manonmaniam Sundaranar University, Thirunelveli, Tamil Nadu

**Prof. A. Lakshmi Prabha**, Dept. of Botany, Bharathidasan University, Trichy, Tamil Nadu

**Prof. Arun Jagannath**, Dept. of Botany, University of Delhi, New Delhi

**Dr. S. Kathiresan**, Associate Professor, Dept of Life Science, Central University of Tamil Nadu, Thiruvavur, Tamil Nadu

**Dr. K. Suresh Kumar**, Dept. of Botany, University of Allahabad, Uttar Pradesh

**Prof. T. Senthilkumar**, Dept. of Botany, Bharathidasan University, Trichy, Tamil Nadu

**Prof. D. Dhanavel**, Dept. of Botany, Annamalai University, Chidambaram, Tamil Nadu

**Prof. N. Senthilkumar**, Dept. of Biotechnology, Mizoram University, Mizoram

## Further Contact Details

### CONVENER & ORGANIZING SECRETARY

**Dr. S. MURUGESAN**, Assistant Professor, Department of Botany, Periyar University, Salem.

Contact No: +91 77089 98808, +91 89409 66570, +91 90034 79566 Email : fpbs23intconf@gmail.com, ravichandravaraj12@gmail.com



# PERIYAR UNIVERSITY

(NAAC A<sup>++</sup> Grade - State University - NIRF Rank - 63, ARIIA Rank - 10)

Salem – 636 011, Tamil Nadu, India

[www.periyaruniversity.ac.in](http://www.periyaruniversity.ac.in)



## DEPARTMENT OF BOTANY SCHOOL OF LIFE SCIENCES

## INTERNATIONAL CONFERENCE ON FUTURE PERSPECTIVES OF BIORESOURCES AND NANOSCIENCES (FPBN-2023)

February 16 & 17, 2023



**Venue: Auditorium, Periyar University**

**Date: February 16 & 17, 2023**

**Time: 10.15 am**





## About the University

The Government of Tamil Nadu established the Periyar University at Salem in 17<sup>th</sup> September 1997 as per the provisions of the Periyar University Act, 1997. The University covers the area comprising the districts of Salem, Namakkal, Dharmapuri and Krishnagiri. The University got the 12(B) and 2f status from the University Grants Commission and has been reaccredited to “A<sup>++</sup>” grade by NAAC in 2021. The University named after the Great Social Reformer E. V. Ramasamy affectionately called ‘Thandhai Periyar’. The University aims at developing knowledge in various filed to realize the maxim inscribed in the logo “Arival Vilaiyum Ulagu” (Wisdom Maketh the world). “Holistic development of the students” is the primary objective of the University. The University is located on the National Highway (NH 7) towards Bangalore at about 8 kms from New Bus Stand, Salem. There are 9 schools and 27 departments in the University, actively engaging teaching and research with International Collaborations.

## About the Department

Our mission is to discover, maintain and transmit the knowledge concerning basic plant biology and provide leadership in the biological sciences. The department is catering post graduate, M.Phil and Ph.D. programmes. The laboratory provides good infrastructure facilities to enable the students to carry out projects and acquire expertise in handling the instruments. The department has several research projects in the field of Cytogenetics, Phytochemistry, Pharmacognosy funded by UGC, TNSCST and DST-SERB and conduct the INSPIRE Internship Science Camp for school students funded by DST.

## About the Conference

Bioresources are naturally occurring materials which are sustainable and biodegradable. A variety of bioresources are used as raw material or feedstocks for the production of a wide range of valuable products that are economically and industrially important. Nanotechnology is helping to considerably improve even revolutionize many technology and industry sectors: information technology, homeland security, medicine, transportation, energy, food safety and environmental science among many others. Global scientific venues for interaction and communication amongst scientists are provided through international scientific activities. The delegates from many cultures and nations will have this opportunity at FPBN-2023. This Conference will also be carried out successfully, in favour of the experienced scholar, with the presentations of the competent speakers, and will be highly beneficial for young delegates by motivating them and enhancing their assurance in their ability to deliver findings on a global stage. This Conference plays an important role among the youngsters to give a vast knowledge about nano-biotechnology for sustainable agriculture and the global environmental issues. This Conference will offer a fantastic opportunity to network with eminent academics and to build research relationships and collaborations for upcoming projects and research, as well as to discuss innovative ideas and application experiences.

## Thrust area

Plant - Microbial Interaction, Biodiversity & Conservation, Soil Health & Remediation, Plant and Animal Health, Biotic & Abiotic Stress Tolerance, Integrated Disease & Pest Management Environmental Biology, Microbial Technology, Nanotechnology, Ethnobotany & Phytochemistry, Nanostructures, Nano Manufacturing, Material Science, Nanomaterials, Biochemistry, Biophysics, Pharmacognosy, Pharmacology, Microbial diversity, Microbial Interaction, Agriculture Biotechnology, Forest and Microbial Technology, Aquatic Biotechnology, Food Biotechnology, Environmental Biotechnology, Industrial Microbiology, Medical Microbiology, Nano-Biotechnology, Bioremediation, Bioleaching, Biosensor, Plant Pathology, Microbial Physiology, Microbial production of bioactive compounds, Antibiotics, Space Biotechnology, Bioenergy, Plant tissue culture and other relevant topics.

## Abstract Submission

Abstracts are invited from authors for original work (not considered for publication elsewhere). Abstract to be submitted in Times New Roman, Font size 12, not exceeding 250 words, with 1.5 line spacing, with not more than 5 key words with Title in capitals of 14 font size, bold with affiliation for the authors, e-mail id of corresponding author on or before **January 25, 2023** through mail [fpbs23intconf@gmail.com](mailto:fpbs23intconf@gmail.com).

## Oral Presentation

The authors are requested to limit their oral presentation to 10 minutes (7 minutes to present and 3 minutes for discussion).

## Poster Presentation

There will be poster session on both days of Conference. Authors presenting posters are requested to be available for interaction during poster display. The poster should be readable from 5 feet distance, with clear figures and tables. Poster size should be about 1m x 1 m

## Payment of Registration Fee:

Category	On or before 5 <sup>th</sup> February 2023 (GST 18% include)	Spot Registration (GST 18% include)
Indian Faculty / Other	INR 1 500 + 270 = 1770	INR 1800 + 324 = 2124
Indian Students / Scholars	INR 1 000 + 180 = 1180	INR 1 200 + 216 = 1416
Overseas Delegates	USD 200 (incl. GST)	USD 250 (incl. GST)
Overseas Students / Scholars	USD 100 (incl. GST)	USD 150 (incl. GST)

- \* The registration fee includes conference materials, working lunch and refreshments.
- \* No refund of money under any circumstances. For travel and accommodation, participants are requested to arrange on their own resources.

a. Payment could be made "Online" through NEFT/RTGS/IMPS / UPI, Gpay, Phonepe, Paytm

**Bank Name** : Canara Bank  
**Account Number** : 110069808949  
**Account Holders Name** : Organising Secretary  
**Branch** : Salem, Periyar University  
**IFSC Code** : CNRB0008450  
**Swift Code** : CNRBINBBBFD

b. Offline payment could be made through demand draft (Nationalized Bank) in favor of **“Organizing Secretary”** payable at Salem along with duly filled in Registration Form and Abstract.

## Nearest Airports

Trichy (TRZ)-98 miles (<https://www.aal.aero/en/airpots/tiruchrapalli>)  
Coimbatore (CJB) - 100 miles (<https://www.aal.aero/en/airpots/coimbatore>)  
Bangalore (BLR) 139 miles ( <http://www.bengaluruairport.com/>)  
Nearest Railway Station: Salem Junction (SA) - 5 miles  
Accommodation for delegates can be booked on request around Salem city (<https://www.bookings.com/city/in/salem>).  
Request may be sent through e-mail in advance to ([fpbs23intconf@gmail.com](mailto:fpbs23intconf@gmail.com))

## IMPORTANT DATES

Last Date for submission of Abstract : January 25, 2023  
Abstract Acceptance intimation : January 30, 2023  
Last Date for Registration : February 05, 2023

## Registration Details

**Registration form:**  
<https://forms.gle/FuKscFRsVeHj3EE37>

**Last Date of Registration :**  
February 05, 2023

**Note: All delegates should upload the online transaction details in the registration form.**

## Contact Details

**WhatsApp Group:**  
<https://chat.whatsapp.com/JpCAU3VqJIA7DDokBD0ga8>

Likely to be sponsored

