

INTERNATIONAL CONFERENCE ON APPLIED SCIENCES FOR
SUSTAINABLE BIOLOGICAL RESOURCES AND ECO-
FRIENDLY DEVELOPMENT
(ICASSBRED-2025)



Organized By
PG DEPARTMENT OF BOTANY
Sri Vidya Mandir Arts & Science College (Autonomous)
Katteri - 636 902, Uthangarai, Krishnagiri (Dt), Tamil Nadu, India

In Collaboration With
PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY
Sacred Heart College (Autonomous)
Tirupathur - 635601, Tamil Nadu, India

Venue: Linnaeus Auditorium, Sri Vidya Mandir Arts & Science College (Autonomous)

Date: 07 & 08 August 2025

ABOUT THE DEPARTMENT

The Department of Botany, Sri Vidya Mandir Arts & Science College (Autonomous) was established in 2015. The Department of Botany has well equipped laboratory. The dynamic and visionary contributions of several renowned botanists earned the Department with International Recognition for its teaching and research in Plant Morphology and Development & Embryology.

We believe in academic excellence through value based education, which is being conducted to boost the inherent capabilities and confidence of the students to take up the challenges of the rapidly changing world. Our Department Faculty members are highly experienced and dedicated. We have produced 100% result in all the academic year. The Students Project Grant has been received by TNSCST consecutive years. We are highly elated to say that this Conference is one more feather in the cap of the Department.

The Department of Biochemistry, Sacred Heart College (Autonomous) was established in 2005 with a well-equipped laboratory to support undergraduate, postgraduate, and research programs. Within a short span, the department has grown into a full-fledged research department, thanks to the support of the management and the dedication of the faculty members.

Faculty members are actively engaged in research across various fields, including nanotechnology, cancer biology, and medicinal plant studies. The department has received recognition and research grants from esteemed funding agencies such as DST-SERB. Postgraduate students regularly receive research grants from TNSCST under the Student Project Scheme. In addition, both students and faculty members are supported through Research Seed Money provided by the college management to pursue their research interests.

The department frequently organizes workshops and seminars with the support of national and state funding agencies to enhance students' academic exposure and practical knowledge. Our faculty members are actively involved in teaching, conducting research, and publishing scholarly articles and books.

ABOUT THE CONFERENCE

The International conference on applied sciences for sustainable biological resources and eco-friendly development (icassbred-2025) is a premier International event that brings together the leading scholars, researchers, practitioners and policymakers to explore the role of Life Sciences in addressing pressing global issues. This Conference serves as a platform to discuss the latest innovations, trends and research findings in various fields of Life Sciences, while also focusing on how these advancements can be applied to solve some of the world's most high priority challenges.

The primary aim of the Conference is to highlight the interdisciplinary nature of Life Sciences and its capacity to offer solutions for challenges, such as global health crises, environmental sustain ability, food security and impact of climate change. The event covers a wide range of topics, including Biotechnology, Genomics, Medical Sciences, Agriculture Environmental Sciences and Technological Advancements, like Artificial Intelligence and Data Science that are driving innovations in these fields.

PATRON	
Thiru. V. CHANDRASEKARAN, Founder & Secretary SVM Group of Educational Institutions Uthangarai, Tamil Nadu, India	Rev. Dr. PRAVEEN PETER., SDB Rector and Secretary., Sacred Heart College (Autonomous) Tirupattur, Tamil Nadu, India
CHAIRMAN	
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CO-CHAIRMAN	
Dr. D. KAVITHA Vice Principal Sri Vidya Mandir Arts & Science College (Autonomous) Katteri, Uthangarai, Tamil Nadu, India	Rev. Fr. HENRY DANIEL AMBROSE., SDB. Vice-Principal., Sacred Heart College (Autonomous) Tirupattur, Tamil Nadu, India

CONVENERS	
Dr. V. CHINNADURAI Assistant Professor & Head PG Department of Botany Sri Vidya Mandir Arts & Science College (Autonomous) Katteri, Uthangarai, Tamil Nadu, India	Dr. I NIYAS AHAMED Assistant Professor & Head Sacred Heart College (Autonomous) Tirupathur - 635601, Tamil Nadu, India
ORGANIZING SECRETARIES	
Dr. V. TAMIL SELVAN Assistant Professor PG Department of Botany Sri Vidya Mandir Arts & Science College (Autonomous) Katteri, Uthangarai, Tamil Nadu, India	Dr. A POONGOTHAI Assistant Professor Sacred Heart College (Autonomous) Tirupathur - 635601, Tamil Nadu, India.

ORGANIZING COMMITTEE MEMBERS	
Mrs. N. Pushpalatha, Assistant Professor of Botany, SVMC, TN, India	Dr. A. Jayaprakash, Assistant Professor, SHC, Tirupathur, India.
Dr. S. Ansar Ali, Assistant Professor of Botany, SVMC, TN, India	Dr. M. Fernandus Durai, Assistant Professor, SHC, Tirupathur, India.
Dr. P. Vino, Assistant Professor of Botany, SVMC, TN, India	Dr. G. Sivaelango, Assistant Professor, SHC, Tirupathur, India.
Dr. M. Ramachandran, Assistant Professor of Bot any, SVMC, TN, India	Dr. V. Gopalakrishnan, Assistant Professor, SHC, Tirupathur, India.
	Dr. K. Sheela, Assistant Professor, SHC, Tirupathur, India.
	Mrs. J. Reshma, Assistant Professor, SHC, Tirupathur, India.
	Dr. S. Govindarajan, Assistant Professor, SHC, Tirupathur, India.
	Mrs. B. Logeshwari, Assistant Professor, SHC, Tirupathur, India.

THEME OF THE CONFERENCE

- Agricultural Sciences
- Bioinformatics & Pharmacokinetics
- Biophysics & Biochemistry
- Conservation & Management of Ecosystem
- Earth Science & Environmental Biology
- Ecology & Plant Physiology
- Entrepreneurship in Life Sciences
- Food Science and Technology
- Genetic Engineering
- Innovation Biology
- Medicinal Botany and Animal Sciences
- Orchid resources
- Pharmacology & Drug Discovery
- Phytochemistry & Nanotechnology
- Plant Biotechnology & Molecular Biology
- Plant pathology & Microbiology
- Tissue Culture & Conservation of Medicinal Plant
- Traditional Medicine System

CALL FOR ABSTRACT

The Organizing Committee invites original research and review papers from individuals across various disciplines to submit their work to the International Conference and present it as an oral or poster presentation



INVITED SPEAKERS	
	Dr. Mohamed Ali Seyed, Professor of Clinical Biochemistry, Department of Biochemistry, University of Tabuk, Tabuk 47713, Kingdom of Saudi Arabia.
	Dr. S. Kaliamoorthy, Scientist 'E', Botanical Survey of India, Southern Regional Centre, Yercaud.
	Dr. Saravanan Muthupandian, PhD, Professor, Faculty of Applied Medical Sciences, University of Tabuk, Saudia Arabia.
	Dr. Ashok K Pandurangan, PhD Associate Professor, School of Life Sciences, B.S. Abdur Rahman Crescent , Institute of Science & Technology, Vandalur-600048, Chennai, Tamil Nadu, India.
	Dr.P.Arumugam, Ph.D., PDR. PRINCIPAL AVK Arts and Science Women's College, AVK Garden, No:194, Rajapalayam Main Road, Sankarankovil, Tenkasi District-627753.
	Dr. S. Kumaran, Ph.D. Assistant Professor & Head, Department of Botany, Government Arts and Science College, Harur-636903, TN. India.

ABSTRACTS SUBMISSION

- ❖ The abstract should contain Title of the Paper, Author(s) Name, Designation, Institution Address and also mention the Email-ID of the presenting author with underline.
- ❖ The abstract should be within 250 words with 4 to 5 keywords in Times New Roman Font (12 Points).
- ❖ The abstract should be submitted to the Conference Email-ID: icassbrefd@gmail.com
- ❖ Accepted papers will be published in the abstract proceedings with an ISBN number.
- ❖ Selected Full length original research articles will be published in the Reputed Journal.

ORAL/POSTER PRESENTATION

- ❖ Authors are requested to indicate their choice for oral or poster presentation.
- ❖ Time for oral presentation will be given 10 minutes.
- ❖ Posters should clearly bear the title, the author(s), affiliation(s) and address(es).
- ❖ Size of the poster should be 1 m (Height) x 1m (Width) neatly prepared and can read from a distance of 3 feet.
- ❖ The accepted oral/poster presentation will be informed through email.

REGISTRATION DETAILS

- ❖ Registration link : <https://forms.gle/AvpKQ9uHB6btKtxB9>
- ❖ Spot registration is also available.

REGISTRATION FEES

- ❖ Indian Faculty Members
- ❖ Industrialists / Others : ₹ 800
- ❖ Indian Scholar : ₹ 600
- ❖ Indian Students : ₹ 500
- ❖ Foreign Faculty Members : 15 USD
- ❖ Foreign Student / Research Scholar : 10 USD

MODE OF PAYMENT

A/c Name : The Principal, Sri Vidya Mandir Arts & Science College (Autonomous)
A/c No : 30840409831
Bank : State Bank of India
IFSC Code : SBIN0007495
UPI ID : srividhyamandhirutg@sbi



ABOUT THE COLLEGE

The visionary philanthropists of Sri Vidya Mandir Higher Education Trust started Sri Vidya Mandir Arts & Science College in Uthangarai in the year 2000 with a noble aim of uplifting the economically and educationally Backward Districts of Dharmapuri and Krishnagiri into the number one educational destination in Tamil nadu. The College is surrounded by the culturally rich pilgrimage centres Hanumantheertham (2 km) and Theerthamalai (15 km) associated with the famous epic, the Ramayana. The College is well connected with nearby cities and is located in the Salem - Vellore state highways. Currently, the College has a strength of more than 2746 students, 137 faculty members and 109 non-teaching staff members. Our college secured "A" Grade with highest CGPA score in NAAC (3.27 / 4.00), among the Periyar University affiliated Colleges in the first cycle and also recognized with the same till the year of 2025. Our college has accomplished with the status of Autonomous from the academic year 2020 - 2021 onwards.

Sacred Heart College, founded in 1951 by Rev. Fr. Joseph Carreno SDB, began with just 10 teachers and 81 students. Over seven decades, it has grown into a prominent postgraduate and research institution, offering both aided and self-financed UG and PG programmes. The College gained autonomous status for several PG and UG programmes between 1987 and 1989 and launched the MCA programme in 1998 with AICTE approval. It was first accredited by NAAC with Four Stars in 1998 and later reaccredited with 'A' Grade in 2006 and again in 2013. The College introduced several student-centric initiatives such as evening study centres and hostels for boys and girls. It became fully autonomous in 2007 and opened its UG programmes to women. In the following years, the institution expanded its academic offerings and infrastructure, introduced the CBCS system, and launched the MBA programme in 2011. The Abdul Kalam Research Centre was established in 2012. In 2019, the College achieved an A+ Grade (CGPA 3.31/4) in its 4th NAAC cycle and was ranked in the NIRF 151–200 band in 2020. Autonomy was extended in 2021, and several new UG, PG, and diploma programmes were introduced. The College was ranked 82nd in NIRF 2022, 42nd in 2023, and 47th in 2024. In 2024, it achieved NAAC A++ Grade with a CGPA of 3.53/4, marking a significant milestone in its journey toward academic excellence.



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FOR ANY QUERY, PLEASE CONTACT AT:

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