

Advisory Board

National

- Dr. S. Dominic Rajkumar, Principal & Secretary, St. Andrew's College, Gorakhpur, Uttar Pradesh.
- Dr. Lal Ji Singh, Scientist-'F' & Head of Office, Botanical Survey of India, ANRC, Port Blair, Andaman and Nicobar Islands, India.
- Dr. S. Balaji, Professor and Head, Dept. of Biotechnology, Manipal Institute of Technology (MIT) Manipal, Karnataka.
- Dr. Manju C. Nair, Associate Professor, Department of Botany, University of Calicut, Malappuram Dt., Kerala.
- Dr. T. Parimelazhagan, Professor and Head, Department of Botany, Bharathiar University, Coimbatore.
- Dr. S. Jayakumar, Professor, Department of Ecology and Environmental Sciences, Pondicherry University, Puducherry.
- Dr. K. Rekha, Head, Department of Botany, Vimala College (Autonomous), Thrissur, Kerala.
- Dr. Ashokkumar Veeramuthu, Professor & Head, Centre for Waste Management and Renewable Energy, Saveetha University, Chennai
- Dr. D. Kandavel, Associate Professor, Department of Botany, Govt. Arts College (Autonomous), Nandanam, Chennai.
- Dr. J. Rose De Leema, Professor and Head, Department of Botany, Providence College for Women (Autonomous), Coonoor, Tamil Nadu.
- Rev. Dr. A. Arockia Jeneceius Alphonse, Head, Department of Botany, Director of SSC, St. Mary's College (Autonomous), Thoothukudi.
- Dr. J. Caroline Joe Rosario, Head, Department of Botany, Nirmala College (Autonomous), Coimbatore.
- Dr. K. Amzad Basha, Head, Department of Botany, The New College (Autonomous), Chennai.
- Rev. Dr. P. Leema Rose, Head, Department of Botany, Holy Cross College (Autonomous), Nagercoil.
- Dr. M. Reginald Appavoo, Head, Department of Botany, Scott Christian College (Autonomous), Nagercoil.
- Dr. L. Joelri Michael Raj, Head, Department of Botany, St. Xavier's College (Autonomous), Palayamkottai.
- Dr. G. Jahirhussain, Head, Department of Nutrition and Dietetics, Government Arts College (Autonomous), Karur.
- Dr. V. Anand Gideon, Head of the Botany Department and Dean of Extension Activities, Bishop Heber College (Autonomous), Tiruchirappalli.
- Dr. R. Kavitha, Head, Department of Botany, Holy Cross College (Autonomous), Tiruchirappalli.
- Dr. H. Syed Jahangir, Head, Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli.
- Dr. E. Natarajan, Head, Department of Botany, National College (Autonomous), Tiruchirappalli.
- Mr. A. Benno Susai Vijayakumar, Head, Department of Biochemistry, St. Joseph's College (Autonomous), Tiruchirappalli.
- Dr. V. Swabna, Head, Department of Biotechnology, St. Joseph's College (Autonomous), Tiruchirappalli.

International

- Dr. Baskaran Ponnusamy, Principal Scientist and Head of Research, Oil Palm Research Centre, Univanich Palm Oil Public Company Ltd, Plaipraya Krabi, Thailand.
- Adriano Antunes de Souza Araujo, Professor, Department of Pharmacy, Federal University of Sergipe, Center for Biological and Health Sciences, Marechal Rondon Avenue, University City 49000000 - São Cristóvão, SE - Brazil.
- Dr Edwinraj Esack, Group R&D Manager, Rainforest Builder Ltd, 16 Hanover Street, London, United Kingdom.
- Prof. Anthony I Okoh, Director, SAMRC Microbial Water Quality Monitoring Centre, Chair in Water Quality and Environmental Genomics, University of Fort Hare, Alice, South Africa.
- Dr. Padmanaban Mohnan, Senior Manager / Business Team, Sejong Campus PIUM, 75, Jiphyeondong - ro, Sejong-si, Rep. of Korea.
- Dr. Thiruvengadam, Professor, Department of Crop Science, College of Sanghuh Life Science, Konkuk University, Seoul, Korea.



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INTERNATIONAL CONFERENCE ON EMERGING PARADIGMS IN BIOLOGICAL SCIENCES (Hybrid mode)

9, FEBRUARY, 2026, MONDAY



DEPARTMENT OF BOTANY
St. Joseph's College (Autonomous)
Accredited at A** Grade (Cycle IV) by NAAC
Special Heritage Status awarded by UGC
College with Potential for Excellence by UGC
DBT – STAR & DST – FIST Sponsored College
Tiruchirappalli - 620 002

Tamil Nadu, India

www.sjctni.edu



About the College

St. Joseph's College was founded in 1844 by the Fathers of the Society of Jesus (Jesuits). The institution is owned and administered by the Society of St. Joseph's, a registered body under the Societies Regulation Act (1860), with its headquarters in Tiruchirappalli. Initially affiliated to the University of Madras in 1866, it later became an affiliated First Grade College of Bharathidasan University. In recognition of its distinguished service in higher education, the college was granted autonomous status in 1978. It currently offers 22 undergraduate, 21 postgraduate, and 17 doctoral programs. St. Joseph's College was identified by the UGC as a College with Potential for Excellence in 2004 and was reaccredited by NAAC with an A++ grade in 2019. The college has consistently excelled in national rankings, securing the 25th position in NIRF for three consecutive years; 2023, 2024, and 2025. It has also been honoured with the Special Heritage Status Award by the UGC.

St. Joseph's College, a Jesuit institution, is dedicated to forming young men and women of character who become leaders in every field, serving the nation with truth, justice, and love. Guided by its motto "Pro Bono et Vero" ("For the Good and the True"), the College has consistently upheld and reflected these values through its commitment to quality higher education. Over the years, it has shaped thousands of well-educated individuals who are both physically fit and intellectually empowered. With its focus on holistic development, St. Joseph's College continues to nurture well-rounded personalities, contributing to a brighter and more prosperous future for the nation.

About the Department

The Department traces its origins to 1912, when it began as a Natural Science course at the Intermediate level. Botany was introduced in 1930 as an ancillary subject for the B.A. major. The undergraduate Botany degree program (B.Sc.) commenced in 1952, followed by the postgraduate program (M.Sc.) in 1958 under the University of Madras, making it the first department to offer a Master's degree outside the city of Madras. Research activities expanded significantly in 1973 with the introduction of M.Phil. and Ph.D. programs. The Department also played a pioneering role in establishing the Department of Biochemistry in 1992 and later the Department of Biotechnology in 2001. Its research excellence has been recognised by various national funding agencies, including UGC, DST, CSIR, DBT, MoEF, and NMPB, which have supported its projects over the years.

Well-equipped laboratories enhance the Department's vibrant research environment. The renowned Rapinat Herbarium, a distinguished institution, emerged as one of its notable offshoots. The Department has also initiated the establishment of a mushroom culture laboratory and a solid waste recycling plant with financial support from the College management. The Department takes great pride in its Alumni, who continue to serve society with distinction across the globe.

About the Conference

Recent years have witnessed the emergence of new knowledge across various fields of the biological sciences. This one-day international conference aims to disseminate recent developments, theories, and discoveries presented by eminent scientists, with a focus on sustainable human development.

Participation in such an international conference will enlighten young researchers and inspire them to become agents of change, contributing to safer and more sustainable living conditions. Additionally, the conference offers a valuable opportunity for interaction with scientists at the global level, which will support and strengthen future research endeavours. The event also provides a platform for engagement among stakeholders - including scientists, industrialists, faculty members, students and entrepreneurs - fostering new insights that can lead to innovative technologies for future generations.

Objectives of the Conference

- To provide platform for the scientists, policymakers, and knowledge seekers to share ideas, research and insights.
- To promote a positive and sustainable approach to development that enhances human well-being and quality of life.
- To create opportunities for collaboration between researchers and industry professionals.

Call for Abstracts

Abstracts in the following thrust areas and allied topics relevant conference theme are invited:

- Phytochemistry and Pharmacological studies
- Plant-microbe Interactions
- Plant, Animal and Microbial Systematics
- Agricultural Sciences and Integrated Pest Management
- Biotechnology and Molecular Biology
- Plant, Animal, and Microbial Systematics
- Agricultural and Integrated Pest Management
- Wild-life Biology and Conservation
- In vitro Culture and Genetic Engineering
- Biotechnology and Molecular Biology
- Nano-biotechnology
- Biomedical and Health Sciences
- Bioenergy and Biofuels

Mode of Presentation: Oral (Hybrid Mode) and Poster Abstract should be submitted in Microsoft Word format to icepbs.sjc@gmail.com on or before 3rd February 2026.

Abstract Guidelines: Maximum 250 words

Font: Times New Roman, size 12, double spaced, Title should be concise and not to exceed 25 words. Include author(s) name, affiliation, and complete address. Include 4 - 5 keywords. Selected abstracts will be intimated to the corresponding author through mail.

Best Oral and Poster presentations will be awarded with Prizes

Registration Details

Registration fee :

Students: ₹ 500/-

Research Scholars: ₹ 600/-

Faculty and Scientist: ₹ 800/-

Registration link:

<https://service.sjctni.edu/Seminar/25/index.php?programcode=BO17110908>

Scan to register



Patrons

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Rev. Dr. M. Arockiasamy Xavier SJ, Secretary

Rev. Dr. S. Mariadoss SJ, Principal

Organising Committee

Convenors:

Dr. S. Sahaya Sathish, Head of the department

Dr. T. Francis Xavier, Dean - School of Biological Sciences

Organising Secretaries:

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Dr. H. David Raja

Dr. A. Johny Kumar Tagore

Executive members:

Dr. S. R. Senthilkumar

Dr. A. Egbert Selwin Rose

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