



Bishop Heber College
(Autonomous)
Tiruchirappalli, Tamil Nadu



St. Joseph's College
(Autonomous)
Tiruchirappalli, Tamil Nadu



Christ College
(Autonomous)
Irinjalakuda, Thrissur, Kerala

PG & Research Departments of Chemistry jointly organize a

TWO DAY INTERNATIONAL CONFERENCE ON CHEMISTRY INNOVATION: CURRENT DEVELOPMENTS, CHALLENGES AND FUTURE PERSPECTIVES

(ICCI-25)

LAURENTII
IT SOLUTIONS

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About St. Joseph's College



Founded in 1844 by visionary Jesuits, St. Joseph's College (SJC) has been a beacon of academic excellence, committed to holistic education and the pursuit of truth (*Pro Bono Et Vero*). Affiliated with Bharathidasan University, Tiruchirappalli, and among the first to gain autonomous status (1978), SJC has consistently upheld its legacy, earning College with Potential for Excellence recognition (2004, 2014), DST-FIST funding (2008, 2014), DBT-STAR status (2014), and Special Heritage Status (2015). Its academic excellence is reflected in its NAAC accreditations (Five-Star in 2000, A⁺⁺ in 2019) and 25th position in NIRF Rankings 2024. Committed to inclusive education, SJC prioritizes the upliftment of the poor, marginalized, first-generation learners, and underprivileged groups, continuing its mission of enlightenment and social transformation.

About Bishop Heber College

Bishop Heber College, a prestigious educational institution in South India, is a religious minority institution established by the Tiruchirapalli-Thanjavur Diocese of the Church of South India. Guided by its motto, "*Nisi Dominus Frustra*" (*Unless the Lord builds the house, they labor in vain who build it*), the college offers 30UG, 22PG, and research programs. Nationally re-accredited with an A⁺⁺ grade (CGPA 3.69/4) by



NAAC, it is also recognized by the UGC as a College of Excellence. The institution has received DST-FIST funding and DBT Star College status (2016). Strengthening its global reach, the college has MoUs with esteemed international and national institutions, including Liverpool Hope University (UK), Trinity Western University (Canada), Handong Global University (Korea), Binary University (Malaysia), and Gebze Technical University (Turkey), fostering academic collaboration and research excellence.

About Christ College



Founded in 1956 by the Devamatha Province of the Carmelites of Mary Immaculate (CMI), Christ College is a distinguished institution rooted in the vision of Saint Cyriac Elias, who established the CMI congregation in 1831, believing that education is a tool for liberation and progress. Recognized as a minority institution under the provisions of the Indian Constitution, the college is affiliated with the University of Calicut and has earned an 'A⁺⁺' grade in the NAAC re-accreditation. Dedicated to Jesus Christ and guided by the motto "*Jeevitha Prabha*" (meaning "Light of Life"), Christ College was granted autonomous status by UGC in 2015, during its Diamond Jubilee year. It is part of the CMI's century-old tradition of Christian education and offers a vision that is both responsive to the nation's current challenges and committed to the holistic development of its students.

About the Department of Chemistry (SJC)



Founded in 1906 by Rev. Fr. Augustinus Haas SJ, the Department of Chemistry has a rich legacy in education and research. It introduced the M.Sc. program in 1960 and the Ph.D. program in 1965, now serving around 400 students with 22 faculty members and 8 non-teaching staff. Renowned for its research contributions, the department is funded by DST-FIST & DBT and houses a DST-FIST instrumentation lab and a library with 550 recent books. With over 800 research papers published in reputed journals, it actively supports students through CSIR-NET, SET, GATE, and IIT coaching classes, enabling many to excel in competitive exams.



Shri N. Gopalaswami, I.A.S. (Retd.)
Former Chief Election Commissioner of India
Padma Bhushan Awardee, India



Dr. Murugesan Velayutham
Former Vice-Chancellor
Annamalai University, Chidambaram



Dr. Selvakumar
CEO of DSK InnoSciences
Hosur



Dr. J. Varatharaju
Vice President – Flipkart
Bangalore



Dr. Stanley Nithianantham
Scientist, Biology & Therapeutics
Memphis, USA.

About the Department of Chemistry (BHC)

Established in 1966 as a Pre-University Course (PUC), the Department of Chemistry has grown into a research-focused department offering UG, PG, and Ph.D. programs. Emphasizing academic excellence, sustainable lab practices, and industry exposure, it is supported by DST-FIST (2007-2012) and DBT-STAR College status (2016). The department houses four advanced laboratories, has completed 47 funded projects worth 2.40 crore, and offers fellowships from UGC, CSIR and ICMR. With 12 research supervisors, it has produced 50 Ph.D. and 72 M.Phil. graduates, secured three patents, and published 294 research papers. It has earned the Best Department Award for five consecutive years and maintains international research collaborations across six countries.



Dr. Mahesh Sundararajan
Scientific Officer, BARC
Mumbai, Maharashtra, India



Dr. Kamalakannan Kailasam
Scientist, Institute for Nanoscience & Tech, MOHALI., ISRO- Manager (Scientific Grade)
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Dr. S. Selvakumar
ISRO- Manager (Scientific Grade)
Sriharikota, Andrapradesh.



Dr. Basker Sundararaju
Professor of chemistry
IIT, Kanpur



Dr. Maheshwaran Shanmugam
IIT Mumbai

About the Department of Chemistry (CC)



The Department of Chemistry at Christ College, Irinjalakuda, established in 1957, is one of Kerala's pioneering chemistry departments. It launched a postgraduate program in 1968 and became a recognized research center by 1972. Known for its academic excellence and innovation, the department offers a comprehensive curriculum combining theory and practical training across all major branches of chemistry. With state-of-the-art laboratories and a dedicated faculty, it fosters intellectual curiosity and research engagement. Actively involved in national and international research projects, the department has recently been granted two US patents and consistently publishes in high-impact journals. It prepares students for successful careers in research, industry, and education by cultivating critical thinking and problem-solving skills.



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VC, University of Calicut
India



Prof. Muraleedharan Nair
Department of Horticulture Michigan
State University, USA



Dr. Sajitha T.S.
Scientist SE, VSSC, ISRO
Trivandrum



Mr. Venugopal Menon
Managing Director
Oasis Chemicals, Sharjah



Santosh Jose
Managing Director
Beckers Industrial coating, UAE

About the Conference

The International Conference on Chemistry Innovation: *Current Developments, Challenges, and Future Perspectives (ICCI-25)* will be held on September 15 -16, 2025, at St. Joseph's College (Autonomous), Tiruchirappalli & Bishop Heber College (Autonomous), Tiruchirappalli. This prestigious event is being jointly organized in collaboration with two distinguished and academically acclaimed institutions: St. Joseph's College (Autonomous), Tiruchirappalli, Bishop Heber College (Autonomous), Tiruchirappalli, Tamil Nadu and Christ College (Autonomous), Irinjalakuda, Thrissur District, Kerala.

ICCI-25 aims to serve as a dynamic global platform for eminent scientists, leading academicians, innovative researchers, and industry professionals to engage in meaningful discourse and exchange cutting-edge developments in science and technology. The conference will feature Plenary Lectures, Invited Talks, and Keynote Addresses delivered by renowned experts from France, Thailand, Slovakia, Taiwan, Turkey, and India. In addition, the conference will showcase research presentations by students, scholars, and faculty members. All topics related to advanced materials and characterization for sustainable applications are open for oral and poster presentations during ICCI-2025.

Theme Areas

- ✿ **Nanotechnology and Nanomaterials**
- ✿ **Chemical Engineering and Instrumentation**
- ✿ **Biomass Materials and Biofuels**
- ✿ **Surface Chemistry and Adsorption**
- ✿ **Solid-State and Advanced Materials**
- ✿ **Electronic and Smart Materials**
- ✿ **Analytical and Bioanalytical chemistry**
- ✿ **Natural Products and Phyto chemistry**
- ✿ **Electrochemistry**
- ✿ **Electro Chemical Corrosion & surface protection**
- ✿ **Spectroscopic and Chromatographic Techniques**
- ✿ **Medicinal and Pharmaceutical Chemistry**
- ✿ **Drug Designing and Drug Discovery**
- ✿ **Energy Conversions and Batteries**
- ✿ **Sustainable Materials and Technologies**
- ✿ **Supramolecular Chemistry**
- ✿ **Theoretical & Computational Chemistry**
- ✿ **Polymer and Industrial chemistry**
- ✿ **Quantum chemistry and Technologies**
- ✿ **Green and Environmental Chemistry**
- ✿ **Food and water Chemistry**
- ✿ **Sensors and Fuel Cells**
- ✿ **Organic synthesis**
- ✿ **Chemical kinetics**
- ✿ **Bioinorganic Chemistry**
- ✿ **Chemical implications of DNA Research**

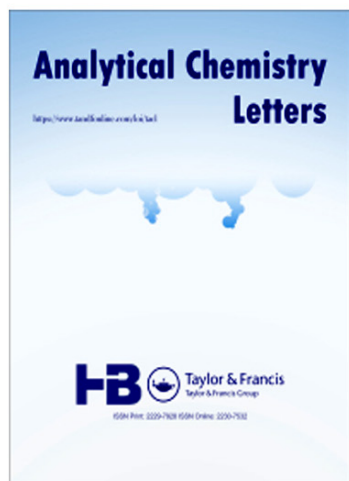
Call for Abstracts

The organizing committee invites abstracts of experimental or theoretical research in the mentioned thrust areas from faculty members, research scholars, and industry professionals. The extended abstract of 2 pages including figures and graphs, should be submitted as a soft copy in MS Word format (Arial, 12-point font, 1-line spacing) and emailed to chemistry-icci2025@mail.sjctni.edu. Registrations can be completed on the college website www.sjctni.edu/icci2025.com on or before August 20, 2025. Best paper presentations (oral/poster) will be awarded.

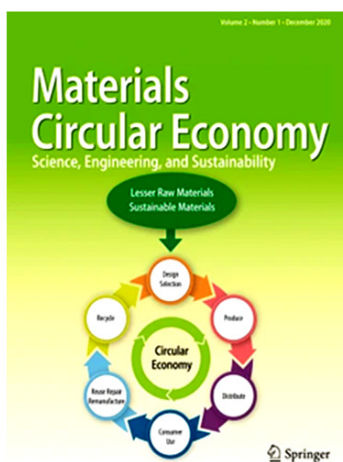
Publications

The selected articles (reviews and original research papers) will be published in four different journals: (a) *Analytical Chemistry Letters* (indexed in Scopus, Web of Science, and ESCI), (b) *Materials Circular Economy* (indexed in Scopus and Web of Science), (c) *Indonesian Journal of Chemical Research (IJCR)*, and (d) *International Journal of Acta Material*. Authors of the selected articles must submit their manuscripts directly through the respective journal portals and are requested to follow each journal's submission guidelines. All manuscripts will undergo peer review as per the respective journal's policy, and the editorial decision will be final. Presenters must deliver their presentations at the conference to receive presentation certificates. *The submitted extended abstracts will be published in the conference proceedings with an ISBN.*

In Association with Four Leading International Journals



Analytical Chemistry Letters



Materials Circular Economy



International Journal of Acta Material



Indonesian Journal of Chemical Research (IJCR)

Accommodation

Participants are kindly requested to make their own accommodation arrangements.

A variety of hotels are conveniently located in the vicinity to suit their needs.

(ICCI-25)

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Université de Rennes
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Dr. Arish Dasan

Research Scientist
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Chief Scientist (Retired)
CSIR - CERI
Corrosion Testing Centre
Tamil Nadu, India



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Registration Details

Abstract Submission	: July 31, 2025
Intimation of Acceptance	: August 10, 2025
Extended Abstract	
with Registration	: August 20, 2025
Last date for Registration	: August 20, 2025
(For Participation Only)	

Category

Fee

(GST included)

Students / Scholars	: INR 500
Participation only/	
Accompanying Person	: INR 500
Staff / Scientists	: INR 750
Industry Professionals	: INR 1000
Online Participants	: INR 500/USD 10
Foreign Delegates	: USD 15

Registration Link



<https://sjctni.edu/icci2025.com/>

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