

INVITED SPEAKERS

- **Dr. Ganesan Mani**
Professor
Department of Chemistry
Indian Institute of Technology-Kharagpur
Kharagpur
- **Dr. Banu Marimuthu**
Scientist
Catalysis and Inorganic Chemistry
CSIR-National Chemical Laboratory
Pune, Maharashtra
- **Dr. R. Karvembu**
Professor
Department of Chemistry
National Institute of Technology
Tiruchirappalli, Tamil Nadu
- **Dr. V. Rajendiran**
Associate Professor
Department of Chemistry
Central University of Tamilnadu
Thiruvavur, Tamil Nadu
- **Dr. Muniyandi Sankaralingam**
Assistant Professor
Bioinspired & Biomimetic
Inorganic Chemistry Laboratory
Department of Chemistry
National Institute of Technology
Calicut
Kozhikode, Kerala
- **Dr. Tharmaraj Vairaperumal**
Postdoctoral Research Fellow
Institute of Clinical Medicine
College of Medicine
National Cheng Kung University
Taiwan, ROC



POSTER JUDGES

- **Dr. L. Nagarajan**
UGC-Assistant Professor
School of Chemistry
Bharathidasan University
Tiruchirappalli, Tamil Nadu
- **Dr. D. Suresh**
Assistant Professor
Department of Chemistry
School of Chemical and Biotechnology
SASTRA Deemed University
Thanjavur, Tamil Nadu



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SEETHALAKSHMI RAMASWAMI COLLEGE



(Autonomous)
Affiliated to Bharathidasan University
Tiruchirappalli – 620 002
Tamil Nadu, India



Accredited with A+ by NAAC (4th Cycle)



NATIONAL CONFERENCE

ON

FRONTIERS OF BIOINORGANIC CHEMISTRY AND GREEN CATALYSIS

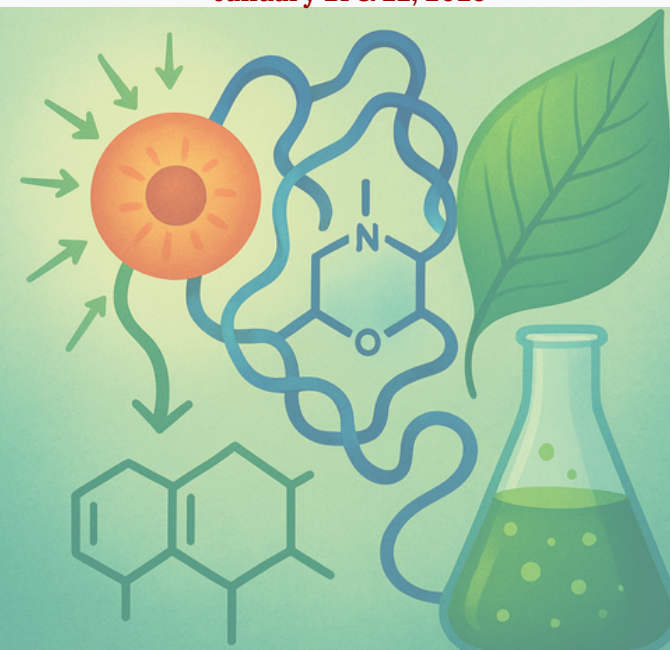
FBCGC 2026
(Hybrid Mode)



organized by

PG & RESEARCH DEPARTMENT OF CHEMISTRY

January 21 & 22, 2026



1951 Platinum Jubilee 2026



ABOUT TIRUCHIRAPALLI

Tiruchirappalli, the fourth-largest city in Tamil Nadu, is situated on the banks of the river, Cauvery. The city is known for its education, tradition, culture and modernity. It was a castle of Cholas and later became the stronghold of Pallavas. The Nayaks of Madurai built the Tiruchirappalli town and its fort. The spectacular monument of the city is the rock fort temple, perched upon the gigantic rocky outcrop. Trichy district has owned great scholars and leaders whose contributions to society have been very significant. Distinguished intellectuals who were either born or educated at Tiruchirappalli include Nobel laureate Sir C.V. Raman, Former Presidents of India Dr. A.P.J. Abdul Kalam & Shri. R. Venkatraman, Finance Minister of India Srimathi Nirmala Seetharaman, Writer Sujatha and Poet Vaali.

ABOUT THE COLLEGE

Seethalakshmi Ramaswami College (SRC) is an arts and science college for women situated in Tiruchirappalli, Tamil Nadu. It was established in the year 1951 by Padmabhushan Sri N. Ramaswami Ayyar. It is an autonomous college affiliated to Bharathidasan University, Tiruchirappalli. It has been awarded A+ grade in its 4th cycle of accreditation by NAAC. SRC was the first women's college in Tamil Nadu to offer M.Sc. in Chemistry and Physics. It was among the 10 colleges in India selected for Pathway to Higher education sponsored by the prestigious Ford foundation, USA. The College offers 25 undergraduate, 9 postgraduate and 8 research programmes. It continuously strives to improve its teaching standards by incorporating latest technology and strategies to provide the best possible learning environment for students. Skilling programmes such as Community College and B.Voc. under the auspices of NSQF have empowered the lives of countless students through employment and entrepreneurship. The College has built up a decades strong research base facilitated by grants from leading funding agencies such as UGC, DST, DBT, ICSSR, TAFCON and TNSCST. The faculty regularly organize/participate and publish in various national and international conferences, seminars, and peer-reviewed journals and hold several patents. SRC-QUEST, a unique peer-reviewed journal published annually by the College, has helped push the standard of research higher. Over the years, the College has earned innumerable awards and accolades and held in high esteem by its peers and the society. SRC aims to create passionate and responsible citizens, as exemplified by Ms. Nirmla Sitharaman, Hon. Finance Minister and Economics alumna, that contribute to society and in the process help India become a happy and prosperous country.

ABOUT THE DEPARTMENT

The department of chemistry was started in the year 1957 and upgraded to a Postgraduate department in 1964 and elevated to Research level in 1979. The department celebrated its Diamond Jubilee year in 2017. The department has highly qualified and dedicated faculty members. The department generated four patents, two for antiepileptic drugs and two for fluorescent chemosensors. Six patents have been published so far. Faculty members shared their expertise in international conferences held in London, UK and Athens, Greece. Nearly 260 research articles have been published in various indexed journals and also published 19 books with ISBN. Faculty members have received financial support from UGC, DST and TANSCH. Every week the department provides a platform to organise association meetings under chemistry association SPACE and SPUTNICK by inviting delegates from various organisations to expose our students on recent research topics, career advancements, moral & ethical values etc. Students are also given opportunities to share their ideas by giving lectures and develop organisation skill. Besides this there are two more clubs, namely CINERGI and PC RAY Chemistry clubs through which several social awareness programs, workshops, coaching class for cracking competitive exams are conducted periodically. The department has signed MoU with academic institutions, NGO's, industries etc. in order to encourage the students to meet out the social challenges. Many of the alumnae have pursued advanced research in abroad, making significant contributions to their fields on a global scale. Our alumnae have served in esteemed roles, including Director and Joint Director of Collegiate Education, District Revenue Officer, College Principal, Assistant Professors, School Teachers, Principal Scientist and also in Central Government sectors.

SCOPE OF THE CONFERENCE

The conference "Frontiers of Bioinorganic Chemistry and Green Catalysis" aims to provide a dynamic platform for researchers to explore recent advances at the intersection of bioinorganic chemistry and sustainable catalysis. It focuses on the role of metal-based systems, metalloenzymes, and biomimetic catalysts in developing eco-friendly and energy-efficient chemical transformations. Emphasizing green principles, the conference will highlight innovations in catalytic mechanisms, materials design, and renewable energy applications that contribute to environmental sustainability. By fostering interdisciplinary collaboration among chemists, biochemists, and materials scientists, the event seeks to promote the translation of fundamental bioinorganic insights into practical, green catalytic technologies for a sustainable future.

THEMES

Coordination Chemistry	Inorganic Material Chemistry
Organometallic Chemistry	Material Science
Crystallography	Bioinorganic Chemistry
Synthetic Organic Chemistry	Catalysis
Theoretical Chemistry	Green Chemistry
Chemical Biology	Environmental Chemistry
Medicinal Chemistry	Natural Products

GUIDELINES FOR ABSTRACT AND PAPER SUBMISSION

- Font & Size: Times New Roman, 12pts., MS Word
- Title: Bold, Single spacing, author(s), affiliation, mobile number and e-mail IDs
- Name of authors: Italic, alignment: Justified
- Line spacing: 1.5pts
- Presenting authors must be underlined
- **Abstract** : Not exceeding 300 words
- **Full paper for publication** : Not exceeding 5 pages in A4 size
- Articles will be published as a book with **International Standard Book Number (ISBN)**.
- Authors are requested to send the abstract and full-length paper in word format to the following email. **srcchemistryplatinumyear@gmail.com** on or before **07.01.2026**
- Certificate will be provided to the presenter and all the registered participants.
- Interested academicians willing to participate/present papers can register using the registration link given below.

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