



PG & RESEARCH DEPARTMENT OF CHEMISTRY

JAMAL MOHAMED COLLEGE (Autonomous)

Accredited with A++ Grade by NAAC (4th Cycle) with CGPA 3.69 out of 4.0
(Affiliated to Bharathidasan University)
Tiruchirappalli-620 020, Tamilnadu, India



&

HOLY CROSS COLLEGE (Autonomous)

Affiliated to Bharathidasan University
Nationally Accredited (4th Cycle) with A++ Grade (CGPA 3.75/4) by NAAC
Conferred Star College Scheme by DBT, Government of India
College with Potential for Excellence (Phase II)
Tiruchirappalli - 620 002, Tamil Nadu, India

in association with



Organize

A Two Day International Conference

on

**RECENT ADVANCES IN CHEMICAL
AND ENVIRONMENTAL RESEARCH**

Hybrid Mode*

(*Participants of other countries can attend through online mode)

Date : 08.12.2026

Venue

**N.B.A.G Auditorium (A/c)
Jamal Mohamed College**

(ICRACER-2026)



Date : 09.12.2026

Venue

**Our Lady's Hall
Holy Cross College**



ABOUT THE INSTITUTIONS

JAMAL MOHAMED COLLEGE

Jamal Mohamed College, situated in the heart of Tiruchirappalli, was founded in the year 1951 as a government-aided institution by Hajee. M.J. Jamal Mohamed Sahib and Janab N.M. Khajamian Rowther of revered memory. It was first affiliated to the University of Madras and then, consequently to the Bharathidasan University in 1982. The college is administered by the Society of Jamal Mohamed College. From a humble beginning 75 years ago with 250 students and 12 staff members, the college has now grown as a multi-faculty Institution offering 27 UG, 20 PG and 17 Ph.D programmes in various disciplines as well as other diplomas and certificate programmes. Currently, it has on its rolls about 11,000 students and 483 faculty. It was accredited at 'A' Grade with Five Star status by NAAC in 2001 and was conferred with the Autonomous Status by the UGC and Bharathidasan University in 2004-2005. It was bestowed with "College with Potential for Excellence" status twice in 2011-2012 and 2016-2017. The college is consistently been ranked within the top 100 institutions since 2018 in the National Institutional Ranking Framework (NIRF) conducted by the Ministry of HRD, Government of India. The college was provided with financial assistance under the DST-FIST scheme in 2019-2020 and also had five of its science departments selected for financial assistance by the Department of Biotechnology (DBT) under the DBT Star College Scheme during the academic year 2020-2021. The college has maintained its premier position among academic institutions by securing the much-coveted A++ grade with CGPA 3.69 out of 4.0 during the IV Cycle of Accreditation by NAAC in September 2023. The college celebrated its Silver Jubilee, Golden Jubilee, Diamond Jubilee and Platinum Jubilee in 1976, 2001, 2011 and 2025 respectively.

DEPARTMENT OF CHEMISTRY

The Department of Chemistry has been functioning as one of the pioneering departments of this premier institution. It offers UG, PG and Ph.D programmes. The well-qualified faculty members of the Department are actively involved in research pertaining to their chosen fields such as Organic, Inorganic, Polymer, Nano, Environmental, Phyto and Electrochemistry. Major, Minor and Seed Money Research Projects grant were received to a tune of Rs.61.38 Lakhs from different Funding agencies such as UGC, Ministry of Environment and Forests and TNSCST have been successfully completed. The faculty members of the Department have made significant contributions to intellectual property, with a total of 67 patents, of which 51 have been filed and published and 16 have been granted. In addition, 3 international copyrights have been filed and published. The Department has so far produced 131 Ph.Ds and 314 M.Phils. The Department is equipped with well-furnished laboratories and advanced research instruments, including FTIR spectrometer, UV-Visible spectrophotometer, and Chemical Vapour Deposition (CVD) instrument.



CONFERENCE THEME

The conference aims to provide an international platform for researchers, academicians, industry experts and students to present cutting-edge research, exchange scientific ideas, and foster interdisciplinary collaborations in chemical sciences. Emphasizing innovation, sustainability, and technological advancement, the conference seeks to address global challenges through novel discoveries in chemistry, contributing to sustainable growth and societal well-being.

HOLY CROSS COLLEGE

Holy Cross College (Autonomous), Tiruchirappalli is a leading Arts and Science College for Women in the state of Tamil Nadu and has a unique history of academic excellence. It is a Catholic Institution established in the year 1923 for more than ten decades. The college administered by the Sisters of the Cross of Chavanod, Province of Tiruchirappalli, is affiliated to the Bharathidasan University and it is one among the oldest college for women in South India. It was the first affiliated college in the Bharathidasan University, to launch the Choice-Based Credit System in June 2000. It was accredited by National Assessment and Accreditation Council (NAAC) in 1999 with 5 stars and re-accredited in 2005 with 'A' grade and in 2012 (3rd Cycle) with 'A' Grade in 2020(4th Cycle) with A++ with CGPA Score of 3.75 on a 4.0 Scale by NAAC. The college was recognised by UGC as 'College with Potential for Excellence' in October 2011 and the CPE status has been extended till 2022. As per the National Institutional Ranking Framework (NIRF) by MHRD, the college was ranked 52nd position in 2025. Holy Cross College continues to explore newer terrains with marked signpost of excellence to nurture holistic education. The College continues to march forward into the next century in its mission to empower the young minds with knowledge, values and skills necessary to be locally resourceful and globally competent.

DEPARTMENT OF CHEMISTRY

In the year 1935, the Chemistry Department was established at the intermediate level. B.Sc. Chemistry programme was started in the year 1952. The Department of Chemistry was elevated as PG Department in 1995, with the inception of M.Sc. Chemistry. The Department is now offering B.Sc., M.Sc. and Ph.D. programmes. The PG & Research Department of Chemistry comes under DBT- STAR College Scheme. At present, the Department has 15 vibrant faculty members. The Department has three large and well-equipped laboratories for regular classes and one laboratory for research. The Department has linkages with various reputed institutes and industries.

ABOUT TIRUCHIRAPPALLI

Tiruchirappalli, the fourth-largest city in Tamil Nadu, is located on the banks of the River Cauvery at the heart of the state. Renowned for its rich cultural heritage, it is home to the iconic Rockfort Temple, the Sri Ranganathaswamy Temple at Srirangam—one of the world's largest functioning Hindu Temple complexes—the historic Hazrat Natharvali Dargah, and St. Lourdes Church. The city is a major educational and industrial hub, hosting premier Institutions such as IIM Tiruchirappalli, NIT Tiruchirappalli, IIIT Tiruchirappalli, Tamil Nadu National Law University, and a Government Medical College, alongside leading industries including BHEL, the Golden Rock Railway Workshop, and the Ordnance Factory Tiruchirappalli. Well connected by air, rail, and road, with an international airport offering direct domestic and overseas connectivity, Tiruchirappalli provides convenient access for delegates from across India and abroad.

THRUST AREAS OF THE CONFERENCE

🧪 Bioinorganic Chemistry
🧪 Nano Technology
🧪 Cheminformatics

🧪 Environmental Chemistry
🧪 Electrochemistry
🧪 Green Chemistry

🧪 Synthetic Organic Chemistry
🧪 Organometallic Chemistry
🧪 Material Science

🧪 Phytochemistry
🧪 Photo Chemistry
🧪 Polymer Chemistry

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Rev.(Sr.) Lourdu Adaikalasamy, Provincial

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Day 1 (08.12.2026) N.B.A.G Auditorium (A/c), Jamal Mohamed College

Day 2 (09.12.2026) Our Lady's Hall, Holy Cross College

Registration Fee

Students	₹ 600
Research Scholars	₹ 700
Faculty & Delegates	₹ 800
Industrialists	₹1000

Scan Registration



Registration link : <https://forms.gle/FZZVT85zoVrStYaFA>

Payment Details



Type of Account : Current Account
Account No. : 046702000000009
Account Name : Jamal Mohamed College
IFS Code : IOBA0000467
MICR : 620020010
Branch : IOB JMC Branch, Tiruchirappalli

IMPORTANT DATES

Last Date for Abstracts Submission : 22nd November 2026
Deadline for Registration : 02nd December 2026
Date of Conference : 08th & 09th December 2026

- Registration fee includes conference kit, lunch and refreshments.
- No TA/DA will be provided.
- Registration fee should be paid Online Mode to the bank account .
- Delegates participating are from other countries through online are waived from Registration fee.

ABSTRACT GUIDELINES

- Abstracts should be within 250-300 words, clearly indicating the objectives, methodology, significance of the work along with keywords.
- Times New Roman font, font size 12, with single line spacing throughout the document.
- Title, author name(s), affiliation(s), email id and contact details of the corresponding author should be mentioned.
- Indicate your preference for oral or poster presentation.

ACCOMMODATION

Accommodation will be provided for the participants on prior request.

FOR FURTHER DETAILS CONTACT

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