



International Conference on Advanced Materials, Crystal Growth and Spectroscopy (ICAMCGS-2026)



11-12 February 2026 (Hybrid)

Organized by

Department of Physics

St. Joseph's College (Autonomous)
Tiruchirappalli-620002, Tamil Nadu, India



In Collaboration with

SSN Research Centre, SSN Institutions
Chennai-603110, Tamil Nadu, India

In Association with

Indian Association for Crystal Growth (IACG)
Indian Spectrophysics Association (ISPA)

HOST INSTITUTION

St. Joseph's College (SJC) was founded by the Jesuit visionaries in 1844 with the noble aim of educating humanity for the Good and the True (Pro Bono Et Vero). SJC now serves as a beacon of light for all men and women aspiring to pursue holistic higher education. SJC is a pioneer higher education institution affiliated to Bharathidasan University, Tiruchirappalli, Tamil Nadu. It is one of the first colleges to be granted autonomy by the UGC in 1978. SJC

- Was recognized by the UGC as a College with Potential for Excellence in 2004 and again in 2014
- Received DST-FIST fund in 2008 and 2014 and DBT-STAR status in 2014
- Received the coveted honor of the Special Heritage Status from the UGC in 2015
- Secured the Five Star Status (2000), A+Grade (2006), A Grade (2012) and A++Grade (2019) in NAAC accreditation process.
- Secured 25th position in NIRF (2025) under college category

The college caters to the educational needs of all sections with a marked emphasis on the preferential option for the poor, the marginalized, the first-generation learners and the other deprived sections of the society.

ABOUT THE DEPARTMENT

This century-old Department of Physics started B.A. Physics (1881), B.Sc (Hons.) Physics (1911), B.Sc (1930), M.Sc Physics (1961), Ph.D. (1971) and M.Phil (1977). Other than its own evolution, it had given birth to two departments, Computer Science (1983) and Electronics (1993) in the college. To cater to the needs of the students, BSc and MSc (Physics) programmes in Self-financing section (shift II) were established in 1982 and in 2004 respectively. Presently there are 31 faculties and 9 non teaching staff in the department. The department is constantly developing with the continuous support of management and the funding of UGC, DST-FIST, DST-SERB, DRDO and CSIR. The department had established national and international collaboration in many fields of research in recent years and organises symposia and conferences periodically at all levels to ignite the students with scientific spirit. Over a period of 140 years, the alumni of the department have served and are still serving the nation in various capacities. Notable among them are Bharat Ratna, Dr APJ Abdul Kalam, the former President of India and Dr G N Ramachandran, an Indian Physicist who was known for his work, "The Ramachandran Plot" for understanding peptide structure, nominated for Nobel prize (Doctoral student of Nobel laureate Sir C. V. Raman).

ABOUT THE CONFERENCE

The International Conference on Crystal Growth and Spectroscopy (ICAMCGS-2026) will be held in the Department of Physics, St. Joseph's College, Tiruchirappalli, Tamil Nadu in collaboration with SSN institutions Chennai and in association with Indian Association for Crystal Growth (IACG) & Indian Spectrophysics Association (ISPA).

The objective of this international conference is to understand and appreciate the research work in crystal growth and spectroscopy and promote the same to the research community with ease. The conference also provides opportunities for the delegates to enhance new ideas, applications and experiences, to establish new research relations and to find global partners for future collaborations.

Call for Abstracts

1. Abstracts must be submitted for Oral/Poster Presentations through the [Email: icamcgs2026@gmail.com](mailto:icamcgs2026@gmail.com) as a soft copy in MS-Word format.

Formatting requirements include Arial font, 12pt size, and single line spacing.

2. Registration fee Rs.500 for faculty/ Scholars and Rs.300 for students.
3. Best Presentation Awards and Best Scientific Interaction awards will be given by IACG.
4. E-certificates will be given to the presenters/ participants/awardees.
5. The participants are requested to make their own arrangements for accommodation. A number of hotels are located around the campus.

REGISTRATION LINK

<https://service.sjctni.edu/Seminar/25/index.php?programcode=PH28161858>

TOPICS FOR ORAL/POSTER PRESENTATION

- Crystal Growth from Solution, Melt and Vapour
- Sankaranarayanan-Ramasamy (SR) Method
- Nucleation and Theories of Crystal Growth
- Novel and Nonlinear Optical (NLO) Crystals
- Semiconductors and Optoelectronic Crystals
- Single Crystal Devices
- Experimental Aspects of Crystal Growth
- Innovations in Crystal Growth
- Crystal Growth Instrumentation
- Characterization of Single Crystals
- Modelling in Crystal Growth
- Density Functional Theory
- Nanomaterials
- Any other field in Materials Science

CONFERENCE COMMITTEE

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St. Joseph's College, Tiruchirappalli

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Dr. I. Johnson
Head, Department of Physics
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Dr. Muthu Senthil Pandian
Vice President
Indian Association for Crystal Growth
SSN Institutions, Chennai

Organising Secretaries



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St. Joseph's College, Tiruchirappalli



Dr. P. Janani, MSc, Ph.D
Research Fellow, Intl.coll. Sophia Medical
University, Bulgaria, CAMP, SPIHER, Chennai.
Treasurer ISPA

Jt. Organising Secretaries



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Assistant Professor of Physics, SJC



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Last date for submission of abstract: **12 January 2026**

Acceptance notification: **19 January 2026**

Last date for registration: **30 January 2026**