



Kristu Jayanti College

AUTONOMOUS Bengaluru

Reaccredited A++ Grade by NAAC | Affiliated to Bengaluru North University



DEPARTMENT OF PHYSICS

organises

International Conference

on

RECENT TRENDS IN MATERIALS SCIENCE (ICRTMS - 2025)

Best
oral & poster
presentation
awards

3rd & 4th APRIL, 2025

Collaborating Partners



Publication Partners



International Research Journal of
Multidisciplinary Technovation

Published by Asian Research Association
(A Non-Profit Educational Trust)



Mapana
Journal of Sciences

KRISTU JAYANTI
JOURNAL OF
COMPUTATIONAL
SCIENCES



About the College

Kristu Jayanti College, founded in 1999, is managed by "BODHI NIKETAN TRUST", formed by the members of St. Joseph Province of the Carmelites of Mary Immaculate (CMI). The institution strives to fulfill its mission to provide educational opportunities for all aspiring young people to excel in life by developing academic excellence, fostering values, creating civic responsibility, inculcating environmental concern and building global competencies in a dynamic environment. The College is affiliated to Bengaluru North University and is reaccredited with grade 'A++' in 2021 by NAAC in the Third Cycle of Accreditation. The college is recognized by UGC under the category 2(f) & 12(B). The College has been accorded Autonomous Status since 2013 by the University Grants Commission, the Government of Karnataka & Bangalore University. In the NIRF 2024, Our college has been ranked 60th place in the top 100 colleges in the country. The programmes of School of Management are internationally accredited by the Accreditation Council for Business Schools and Programs [ACBSP, USA]. The college was accorded 'DBT Star College status under the strengthening component' by the Department of Biotechnology, the Ministry of Science & Technology and the Government of India. The institution received first prize at the National Level for 'Clean and Smart Campus Award' from Shri. Dharmendra Pradhan, Minister of Education, Govt. of India.

About the Department

The Department of Physics was established in 2018. Currently, the department offers triple major courses in Physics, Electronics, and Computer Science. It is keen on organizing conferences, seminars, and invited talks. The department also provides students with various practical, intellectual, and transferable skills, enabling them to think critically and work independently.

Conference Preamble

ICRTMS-25 aims at disseminating knowledge in the domain of Science and Engineering. This conference will be an opportunity to reflect on what has been happening in the field of Science and Engineering, to share the experiences, perspectives and responses to the challenges faced by the researchers, and at the same time to give a thought to set new directions for the future. The conference will provide a platform for experts from academia and industry to showcase their latest findings in the areas of expertise that include physics and chemistry of advanced materials in Medical, Engineering, Nanotechnology, Environmental Technologies, Biomaterials and Green Chemistry. It is also a forum for the dissemination of original research findings, new ideas, practical experiments, which focuses on both theory and practices.

Call for Paper

Authors are invited to submit the papers in the following themes:

- Nanoscience and Nanotechnology
- Crystal Growth and Crystallography
- Polymers and Nanocomposites for Energy Application
- Optoelectronics and Photonics
- Thin Films
- Spectroscopy
- Nonlinear Optics
- Functional Material
- Bio and Nanosensors
- Energy Storage Materials
- Supercapacitor Materials

Publication

The selected papers which are presented during the conference will be published in Scopus indexed (Springer Nature) / Mapana Journal of Sciences / Kristu Jayanti Journal of Computational Sciences.

Guidelines for Paper Submission

- Previously published research paper should not be submitted.
- Plagiarism should be less than 15%. Authors should take responsibility for issues related to plagiarism.
- Acceptance of paper for presentation/ Publication will be intimated to the authors via email.
- Articles should be submitted in both MS-Word and PDF formats.
- Registration will be confirmed after the payment of registration fee.
- Only the research papers accepted and presented in the conference will be considered for publication.
- Template of the journal is given in the conference website. The full length paper should be submitted through <https://www.kristujayanti.edu.in/icrtms2025>.

INVITED SPEAKERS



Prof. N. Vijayan

Sr. Principal & Scientist
Academy of Scientific &
Innovative Research
CSIR-NPL, New Delhi

Maria Teresa Cuberes

Professor
Applied Mechanics & Project Engg.
University of Castilla-La Mancha
Spain



Dr. S. Angappane

Scientist-F
Centre for Nano & Soft Matter Sciences
Bengaluru, Karnataka



Dr. R. Ramesh Babu

Director - Research (i/c)
Head, Department of Physics
Bharathidasan University, Tamil Nadu

Important Dates

Abstract Submission	: 30 th March, 2025
Submission of Research Articles	: 1 st April, 2025
Last Date for Registration	: 2 nd April, 2025
Conference Date	: 3 - 4 April, 2025

Registration Link

<https://portal.kristujayanti.edu.in/event-international-conference-on-recent-trends-in-materials-science-3>



Details of Registration

Category of Participants	Participation		Presentation	
Students/ Research Scholars	₹600	\$ 8	₹1000	\$12
Academicians/ Industry Delegates	₹800	\$10	₹1300	\$16

- Registration can be done via online only. At least one author has to register for the conference.
- Additional publication charges will be included as per the journal norms. Publication fee will be collected after the acceptance of the paper by the publisher.

Whatsapp Link- <https://chat.whatsapp.com/IahRDo8LbGfIsmJI97ZPMc>

Abstract Link- <https://shorturl.at/9DCJX>

General Guidelines

- Accommodation can be arranged on prior request to the conference conveners.
- Certificates will be issued only for the registered participants.

ORGANISING COMMITTEE

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PATRONS

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Chief Finance Officer

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Student Welfare Office
Dept. of Life Sciences

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Dean, Sciences

CONFERENCE CO-CHAIR

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Head, Dept. of Physical Sciences

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Assistant Professor
Faculty of Biophysics
Jagellonian University, Krakow, Poland.

Dr. M. Senthil Pandian
Research Scientist
SSN College of Engineering
Kalavakkam, Tamil Nadu.

Dr. D. Prem Anand
Research Supervisor & Associate Professor
St. Xavier's College (Autonomous)
Palayamkottai, Tamil Nadu.

Dr. Nandakumar Kalarikkal
Professor
IIUCNN & SPAP,
Mahatma Gandhi University, Kerala

Prof. P. Ramasamy
President
Indian Association for Crystal Growth
Dean - Research
SSN College of Engineering
Kalavakkam, Tamil Nadu.

Prof. Reji Philip
Senior Professor
Ultrafast and Nonlinear Optics (UNO) Lab
Raman Research Institute
Bengaluru, Karnataka.

Dr. Parutagouda S. Patil
Assistant Professor
Department of Physics
S. B. Arts and K.C.P. Science College
Vijayapura, Karnataka.

Dr. P. Nagaraju
Former Vice-President, Regional Council (RC) 12A
Indian Association of Physics Teachers (IAPT)
South Zone, Bengaluru.

Dr. Venugopal Rao Soma
Senior Professor
School of Physics & DIA-CoE
University of Hyderabad, Telangana.

Contact Information

Dr. M. Ambrose Rajkumar
8973314608

Dr. Shivaraj Maidur
7204315460

Conference Website: <https://www.kristujayanti.edu.in/icrtms2025/>
Email: icrtms@kristujayanti.com
College Website: www.kristujayanti.edu.in

Kristu Jayanti College (Autonomous)
K. Narayanapura, Kothanur Post,
Bengaluru, Karnataka-560077

Conference Conveners

Dr. M. Ambrose Rajkumar
Assistant Professor

Dr. Shivaraj Maidur
Assistant Professor

Dr. Vadhana Sharon
Assistant Professor