



# 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

3<sup>rd</sup> & 4<sup>th</sup> 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 60<sup>th</sup> 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
- Fuctional Material
- Bio and Nanosensors
- Energy Storage Materials
- Supercapacitor Materials

## Publication

The selected papers which are presented during the conference will be published in International Research Journal of Multidisciplinary Technovation (Scopus Indexed)/ 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

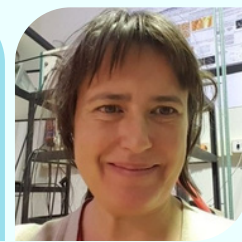


**Prof. N. Vijayan**

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<sup>th</sup> March, 2025  
Submission of Research Articles : 1<sup>st</sup> April, 2025  
Last Date for Registration : 2<sup>nd</sup> 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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## Contact Information

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Conference Website: <https://www.kristujayanti.edu.in/icrtms2025/>  
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College Website: [www.kristujayanti.edu.in](http://www.kristujayanti.edu.in)

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## Conference Conveners

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Assistant Professor

Dr. Shivaraj Maidur  
Assistant Professor

Dr. Vadhana Sharon  
Assistant Professor