



icONMAT 2025

The 4th International Conference on
**OPTOELECTRONIC AND NANOMATERIALS
FOR ADVANCED TECHNOLOGY**

Nano Materials & Devices
Energy Harvesting & Storage
Thin Films & Coatings
Bio Materials & Engineering
Ultrafast Laser Technologies
2D Materials & Devices
Quantum Materials

<https://iconmat2025.cusat.ac.in>



February 11 - 14, 2025
SEMINAR COMPLEX, CUSAT
Pre-conference workshop on 11th February 2025



Jointly Organized by
Department of Physics
Centre of Excellence in Advanced Materials (CAM)



Cochin University of Science and Technology, Kerala, India



The 4th International Conference on Optoelectronic and Nanomaterials for Advanced Technology (icONMAT 2025) will be held at Cochin University of Science and Technology from February 11 to 14, 2025. This event marks the fourth in a series that was formerly known as OMTAT (Optoelectronic Materials and Thin Films for Advanced Technology). The conference will provide a platform to present state of the art methods in the synthesis and design of new materials and their applications such as gas sensors, photo catalysis, fuel cells, solar cells, optics, transparent electronics, high definition displays etc. The conference brings together scientists and engineers working on various aspects of fabrication, characterization, and modeling of optoelectronic materials and devices to discuss the latest developments in this field. We welcome all of you to be a part of this scientific event.

Call for Papers

Authors are requested to submit one-page abstract online on or before 20th December 2024.

Peer Reviewed Papers will be published in SCOPUS Indexed Proceedings*

Selected papers will be published in **Elsevier - Current Applied Physics** (IF: 2.4)*

Awards for Best Oral, Flash and Poster Presentations.

Registration

Participants can register through the conference website starting from 1st December 2024.

Visit us here; <https://iconmat2025.cusat.ac.in>

Registration Fee

The registration fee includes Registration kit, complementary tea, lunch and banquet dinner.

	Early Bird Registration	Late Registration
Students (Indian)	₹ 3500	₹ 4000
Faculty/Research Personnel (Indian)	₹ 8000	₹ 8500
Industry Participants (Indian)	₹ 10000	₹ 12000
Students (Foreign)	\$ 250	\$ 300
Faculty/Research Personnel (Foreign)	\$ 350	\$ 400
Industry Participant (Foreign)	\$ 500	\$ 550
Spot registration (Indian): Students - ₹4500, Faculty/ Research Personnel - ₹9000		

Participants are required to register separately for the pre-conference workshop, scheduled on February 11, 2025. Registration fee: ₹ 500 or \$ 50

Accommodation at subsidized rates will be available on request.

Important Dates

Early Bird Registration starts: 1st December 2024

Deadline for the Early Bird registration: 10th January 2025

Deadline for the Abstract Submission: 20th December 2024

Acceptance of Abstract: 02nd January 2025

Deadline for Full Paper Submission: 25th January 2025

Pre-conference workshop: 11th February 2025

All correspondence should be addressed to

Conference Chairs, icONMAT 2025, E-mail: iconmat@cusat.ac.in

Cochin University of Science and Technology, Kochi-682 022, Kerala, India

*Publication charges applicable if necessary

SYMPOSIA

Nano Materials & Devices

Energy Harvesting & Storage

2D Materials & Devices

Ultrafast Laser Technologies

Bio Materials & Engineering

Thin Films & Coatings

Quantum Materials

CONFIRMED SPEAKERS

Dr. Philippe Poulin

Centre de Recherche Paul Pascal, CNRS France

Prof. Srinivasa R Raghavan

University of Maryland, United States

Prof. Rajeev Pattathil

Rutherford Appleton Laboratory, UK

Prof. Biju Vasudevan Pillai

Hokkaido University, Japan

Prof. M Krishnamurthy

Center Director, TIFR - Hyderabad

Prof. Philip J Camp

University of Edinburgh, Scotland

Dr. Elyes Nefzaoui

ESIEE Paris school of engineering, France

Prof. G Ravindrakumar

TIFR - Bombay

Dr. Silvia Cipiccia

University College, London

Dr. Murukeshan Vadakke Matham

Nanyang Technological University, Singapore

Prof. Joaquim Puigdollars Gonzalez

Universitat Politecnica de Catalunya, Spain

Prof. Cristobal Voz

Universitat Politecnica de Catalunya, Spain

Dr. Mark Wiggins

University of Strathclyde, UK

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IISER - Thiruvananthapuram

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IIT - Bombay

Prof. K G Suresh

IIT - Bombay

Dr. R Ramaseshan

IGCAR - Kalpakkam

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TIFR - Hyderabad

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NTU, Singapore

Prof. Vandana Sharma

IIT - Hyderabad

Prof. Reji Philip

RRI - Bengaluru

Prof. Renu John

IIT - Hyderabad

Dr. Prabir Kanti Basu

Sr. Vice- President, RNSCL, Reliance

Dr. Madhu Thalakulam

IISER - Thiruvananthapuram

Dr. Rajeev N Kini

IISER - Thiruvananthapuram

Dr. Rakhi R B

CSIR - NIIST, Thiruvananthapuram

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IIT - Hyderabad

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Scientist-D, DST-INST, Mohali

Dr. Soham Manni

IIT - Palakkad

Dr. Debakanta Samal

Institute of Physics, Bhubaneswar

Prof. Deepthy Menon

ASNSMM, Kochi

Dr. Barid Baran Lahiri

IGCAR - Kalpakkam

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Emmvee Photovoltaic Power Pvt. Ltd.

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St. Petersburg Electrotechnical University,
Russia

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