



ICNMD
2024



KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)



Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A++" Grade
Anand Nagar, Krishnankoil, Srivilliputtur (Via), Virudhunagar (Dt) - 626126, Tamil Nadu | info@kalasalingam.ac.in | www.kalasalingam.ac.in

INTERNATIONAL CONFERENCE

ON

**NEXT GENERATION MATERIALS
AND DEVICES (ICNMD) - 2024**



**01 - 03
Aug 2024**

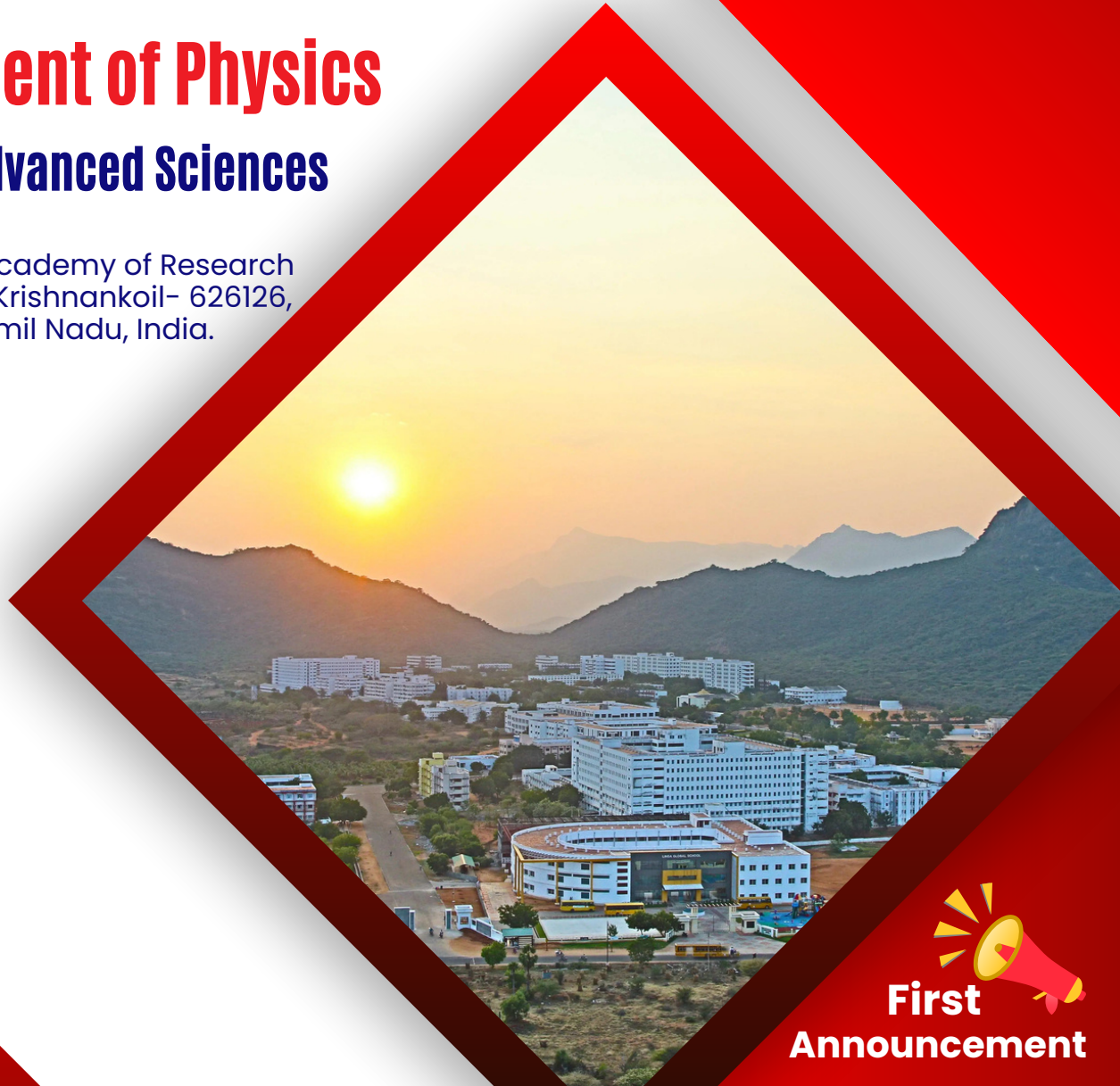
Organized by

Department of Physics

School of Advanced Sciences



Kalasalingam Academy of Research
and Education, Krishnankoil- 626126,
Srivilliputhur, Tamil Nadu, India.



**First
Announcement**

About the Institution

Kalasalingam Academy of Research and Education (Deemed to be University), formerly known as Arulmigu Kalasalingam College of Engineering, was founded in 1984 by the esteemed philanthropist "Kalvivalal" (Late) Thiru. T. Kalasalingam. In 2006, it achieved the status of Deemed to be University. The institution offers a wide range of undergraduate and postgraduate courses, along with doctoral programs across various disciplines. Located in Krishnankoil, 10 km north of Srivilliputtur, a town of historical religious significance, the university boasts several research centers, including the International Research Centre (IRC), TIFAC-CORE in Network Engineering, Centre for Biotechnology, Centre for Nanomaterials, Centre for Multifunctional Materials, and Centre for Composite Materials. Through strategic MoUs, the university has established collaborations with numerous universities and institutes worldwide, fostering research partnerships and facilitating faculty-student exchange programs. Notably, the institute recently earned the highest accreditation from the National Assessment and Accreditation Council (NAAC), attaining an A++ grade, reaffirming its commitment to excellence in education and research.

About the Department

The Department of Physics at Kalasalingam Academy of Research and Education, founded in 1984 under the visionary "Kalvi Vallal" Thiru T. Kalasalingam, has become a dynamic research center. It offers programs in Physics including B.Sc. (Honours), M.Sc., and Ph.D. Expertise in Crystallography, Spectroscopy, Thin films, Theoretical Physics, Non-Linear Optics, Polymer Science, Ionics, Optoelectronics, and Battery technology. Well-equipped laboratories stimulate creative thinking among students. With a mission to innovate technologies and materials for batteries, opto-electronics, fuel cells, etc., through advanced research and education, the department drives progress.



INTRODUCTION TO THE CONFERENCE

The International Conference on Next-Generation Materials and Devices is set to unveil a transformative revolution in materials science. Esteemed minds worldwide will converge to share groundbreaking research, fostering collaborations that define the future. Explore frontiers in electronics, energy, and more, with materials capable of bending light, storing immense power, and mimicking the human brain. This event offers a global platform for researchers, academics, and industry leaders to explore cutting-edge advancements, cultivate collaboration, and shape the future of materials science. Join us in sculpting a future where innovation turns dreams into reality.

Topics

Overarching Theme:

Next-generation Materials and Devices for a Sustainable and Equitable Future.

Conference Topics:

- Advanced Electronic Materials and Devices
- Crystallography and Its Applications
- Optical materials, Sensors and Devices
- Energy Materials and Devices
- Magnetic Materials and Devices
- Ceramics and Composite Materials
- Biomaterials, Soft Materials and Devices
- Nanotechnology and Nanomaterials
- Computational Materials Science
- Quantum Materials and Devices
- Sustainable Materials and Devices
- Artificial Intelligence & Machine Learning in Materials Science

In addition to these topics, the conference could also include topics on other specific applications of next-generation materials and devices.

Techno-Pitch Display

- Opportunities to showcase innovative and indigenous products / prototypes in materials science and technology on any topics related to the ICNMD conference.
- Presentations can include product demonstrations, posters, prototypes, videos, and other visual aids to effectively convey the product's features and benefits within the designated area.
- ACIC-KIF will provide opportunities for startups selected through techno pitches.
- Exciting cash prizes for the best pitches.



Paper and Abstract Submission

Participants interested in presenting a paper at the conference are required to submit an abstract following the ICNMD format available on the website (<https://icnmd.com/>). All abstracts must be written in English and will be included in the ICNMD conference proceedings, with ISBN number. The submitted Full-Length Manuscripts will undergo peer review, and accepted articles will be scheduled for publication in either a special issue or a regular issue of Scopus- or SCI-indexed journals. Please note that Article Processing Charges (APC) may be applicable based on the specific journal requirements.

Registration Fee (Including GST)

Category	Indian Participant	Foreign Participant
Students	₹ 700	50 USD
Research Scholars / PDFs	₹ 1500	100 USD
Faculty/Scientists	₹ 2500	150 USD
Industry	₹ 5000	200 USD

Important Dates

Event	Date (s)
Abstract Deadline	May 15 2024
Acceptance Notification	May 20 2024
Full length article	June 30 2024
Final Registration Deadline	July 05 2024
Conference Date	Aug 01 - 03 2024

Bank Details for Submission of fee

Name : ICNMD
Account Number : 627302010017667
Type of Account : Savings Bank (SB)
Bank Name : Union Bank of India
Branch Name : KRISHNANKOIL,WATRAP
IFSC Code : UBIN0562734
Branch/MICR Code : 626026503
SWIFT Code : UBININBBMDU

Conference Website

For more details visit conference website

 <https://icnmd.com/>

Contact Details

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Notes:

- The delegate's name must be clearly stated in the bank transaction.
- The registration fees cover the expenses for tea/coffee, snacks, working lunch, and banquet dinner.
- Accommodation is not included; for accommodation arrangements, please refer to the details provided on the conference website.



NAAC
A++

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Ranked 29
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Prof. Mohd. Shkir, King Khalid University, Saudi Arabia.

Prof. Mitch Ming-Chi Chou, National Sun Yat-Sen University, Taiwan.

Prof. Adaikalam Kathalingam, Dongguk University, Republic of Korea.

Prof. Fan-Bean Wu, National United University, Taiwan.

Prof. David Jenkins, University of Plymouth, UK.

Prof. Gustavo F. S. Andrade, Federal University of Juiz de Fora, Brazil.

Dr. L. John Berchmans, Chief scientist, CSIR-CECRI, Karaikudi.

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Prof. Girish M. Joshi, Institute of Chemical Technology, Mumbai.

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Dr. S. Jeyavijayan, Asst. Prof. Dept. of Physics, KARE, India.

Awards

ICNMD-2024 declares recognition in the categories listed below:

- ICNMD Best Oral Presentation Award
- ICNMD Best Poster Presentation Award
- ICNMD Best Techno-Pitch Award

