



# DEVA MATHA COLLEGE KURAVILANGAD

Kuravilangad P.O., Kottayam District, Kerala, India – 686 633  
Re-Accredited 'A++' Grade with CGPA 3.67 by NAAC in 2023

## INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS

ORGANIZED BY DEPARTMENTS OF PHYSICS & CHEMISTRY

Hybrid Mode

# ICAM 2024

3 - 4 JANUARY 2024

Venue: Deva Matha College  
Kuravilangad, Kottayam

### Aim and Objectives of the Event

India is currently experiencing a period of significant change in its higher education system. There is a growing emphasis on research and development initiatives in universities and colleges. The teaching community is facing the challenge of balancing regular academic activities with research endeavors. Faculty members must keep pace with the substantial research output being generated globally to shape young talents that are in demand. Teachers need to undertake challenging initiatives in various emerging areas, such as nanotechnology, metamaterials, functional materials, and structures, which are being vigorously pursued in universities and colleges in the state of Kerala. The awareness of the impact of integrating teaching and research in basic science has inspired the teaching faculty. However, the number of seminars and conferences in the state does not match the amount of research being conducted.

The state is falling behind in organizing events that bring together scientists, academics, and industry professionals to discuss various aspects of technology and inspire young scholars. The International Conference on Advanced Materials (ICAM 2024) is organized with the aim of uniting scientists, academics, and industry experts to explore various aspects of technology and motivate young scholars to engage in fruitful research. This seminar will provide participants with exposure to the latest developments in the field of Materials Science and offer a platform for academic interaction with eminent researchers working in areas such as Bionanotechnology, nanomedicine, biomaterials, environmental interactions, tissue engineering, drug design, biomaterials, bioinformatics, nanomaterials, thin films, nuclear materials, crystal growth, energy storage devices, irradiation effects in materials, and more.

The objective of this conference is to provide a platform for researchers, engineers, academicians, and industrial professionals from around the world to present their research results and development activities in the field of Material Science and Technology. This seminar will create opportunities for delegates to exchange new ideas, share application experiences in person, establish research relationships, and find global partners for future collaborations.

### About the College

Deva Matha College, Kuravilangad is a NAAC Accredited A++ Grade college affiliated to Mahatma Gandhi University, Kottayam and is recognized under section 2(f) and 12 B of the UGC Act 1956. Situated in a rural milieu, in the heart of a minority community, the college aims at academic excellence in all spheres of learning, providing intellectual, moral, social, cultural and spiritual guidance to the young generation with a view to making them God-fearing, patriotic, altruistic and self-confident in life. Situated in Kuravilangad, within Kottayam District, the campus spreads across a lush, eco-friendly expanse of 12.5 acres. It offers a range of educational programmes - 9 post-graduate and 12 undergraduate. The college is a hub of vibrant research endeavors, indicative of its dynamic scholarly environment.

### Registration

Please Register online through the website  
Accommodation available on request

Category of Participant	Indian	
	Regular	Spot
Student	500 Rs	1000 Rs
Faculty	1500 Rs	2000 Rs
Industry	2000 Rs	3000 Rs
Foreign	15000 Rs	20000 Rs

### List of Speakers

- Prof. Xavier Mathew**, Senior Scientist/Professor, Instituto de Energías Renovables, Universidad Nacional Autónoma de México, México.
- Dr. Suresh C. Pillai**, Director, Health and Biomedical Research Centre & Head of Nanotechnology and Bio- Engineering Research Group, Atlantic Technological University, ATU Sligo, Ireland.
- Dr. N.R. Manoj**, Scientist G and Group Director (Materials) in NPOL Kochi.
- Prof. Sadasivan Shaji**, Department of Mechanical and Electrical Engineering, Universidad Autonoma de Nuevo Leon (UANL) San Nicolas de los Garza, Nuevo Leon, Mexico, 660451.
- Dr. K. Manzoor**, Amrita Centre for Nanoscience and Molecular Medicine, Cochin, India.
- Dr. Senoy Thomas**, Assistant Professor, Dept. of Physics, Cochin University of Science and Technology (CUSAT).
- Dr. Benoy Nair**, Industrial specialist in electronics, UK.
- Dr. Renuka N K**, Professor, Dept. of Chemistry, University of Calicut, Kerala.
- Dr. Krishnakumar I.M**, Chief Research Officer & Head of R & D | Akay Natural Ingredients Private Limited, Ernakulam, Kerala, India

### Conference Themes

- Nanostructures - Preparation, Properties, Applications
- New Magnetic Materials
- Organic Crystals - Synthesis and Properties
- Photonic Materials
- Smart Materials
- Nanoelectronics and Spintronics
- Inorganic Materials
- Irradiation Effects in Materials
- Materials in Health and Bio-applications
- Bionanotechnology
- Nanomedicine
- Materials for Future Energy
- Materials for Sustainable Development
- Simulation and Modelling of Nanodevices

### FIRST Call for Abstract and Papers

Please submit your abstracts in required format downloaded from the conference website for ICAM 2024 to [icam2024@devamatha.ac.in](mailto:icam2024@devamatha.ac.in) on or before December 20, 2023. Notifications of acceptance will be sent by December 25, 2023. Accepted papers will be included in the conference proceedings with an ISBN number. Registration is mandatory for paper publication. For more information, please visit the conference website.

[CLICK HERE TO VIEW WEBSITE](#)

### FOR FURTHER INFORMATION CONTACT:

: Dr. Saji Augustine - 9947347969  
: Dr. Deepthi John - 9497664194

### International Advisory Committee

- Prof. Xavier Mathew** : Senior Scientist/Professor, Instituto de Energías Renovables, Universidad Nacional Autónoma de México, México.
- Dr. Suresh C Pillai** : Director, Health and Biomedical Research Centre & Head of Nanotechnology and Bio- Engineering Research Group, Atlantic Technological University, ATU Sligo, Ireland
- Prof. Sadasivan Shaji** : Department of Mechanical and Electrical Engineering, Universidad Autonoma de Nuevo Leon (UANL) San Nicolas de los Garza, Nuevo Leon, Mexico, 660451
- Dr. Benny Abraham Kaiparettu** : Associate Professor at Baylor College of Medicine, Houston, Texas, United States
- Prof. K. Bindu** : Department of Mechanical and Electrical Engineering Universidad Autonoma de Nuevo Leon (UANL) San Nicolas de los Garza, Nuevo Leon, Mexico, 660451
- Dr. Benoy Nair** : Engineering Manager, Leonardo UK Ltd, UK

### National Advisory Committee

- Prof.(Dr) Sabu Thomas, D.Sc., Ph.D., FRSC, FEurAsc** Chairman, Trivadrum Engineering Science & Technology Research Park (TrEST Research Park), Former Vice Chancellor - Mahatma Gandhi University, Kottayam, Kerala, India -686 560.
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- Dr. Sindu S**, Centre for Nanotechnology, Calicut University, Kerala, India
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- Dr. T. Radhika**, Scientist C, CMET, Thrissur, Kerala.
- Dr. Vincent Mathew**, Head of the Department of Physics, Central University of Kerala, Kasargode.

### Local Advisory Committee

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- Dr. Deepthi John (HOD Chemistry)

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