



ALPHONSA COLLEGE, PALA

Affiliated with Mahatma Gandhi University, Kerala, India

Re-Accredited to A+ Grade by NAAC in the 5th Cycle with CGPA 3.33
DBT-STAR, DST-FIST & DST-CURIE Supported College



सत्यमेव जयते
DEPARTMENT OF BIOTECHNOLOGY
GOVERNMENT OF INDIA



INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS FOR FUTURE

ICAMF 2025

02-03 DECEMBER 2025

Organised By

DEPARTMENT OF PHYSICS

Under DBT- STAR College Scheme



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Bishop, Eparchy of Pala

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Proto Syncellus, Eparchy of Pala

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Convenor

Dr. Vijutha Sunny
Head of the Department

Prof. Minu Joy

Ms. Cincila T. Joy

Dr. Sr. Priya Antony

Dr. Annu Paul

ALPHONSA COLLEGE

Alphonsa College, established in 1964 and managed by the Catholic Diocese of Pala, is a premier institution for women's higher education affiliated with Mahatma Gandhi University, Kottayam. Guided by the motto "Lighted for Life," the college is dedicated to the holistic empowerment of women through quality education that fosters intellectual growth, moral integrity and social responsibility. The college offers various Under Graduate, Post Graduate and Research programmes in Arts, Science and Commerce by integrating the contemporary educational trends while ensuring a strong foundation in the core principles. In line with its vision—"The perfect woman nobly planned"—the institution strives to create self-reliant and liberated young women, rooted in cultural values and equipped to be agents of social transformation in their families and society. The college's excellence extends beyond academics into the field of sports and has earned numerous national and international accolades.

Situated on the banks of the Meenachil river, Alphonsa College, Pala, stands at the heart of one of Kerala's most vibrant educational hubs, Pala. Renowned for its flourishing spice and rubber trade, Pala is also a gateway to the high ranges, surrounded by numerous tourist destinations that reflect the region's natural charm and cultural vitality.

DEPARTMENT OF PHYSICS

The Department of Physics was established in 1964 to impart higher education to young women of the region. The department started B.Sc Degree Programme in Physics in 1967. In 2000, the department introduced a Vocational B.Sc Physics Programme with Computer Applications as the vocational subject, marking a step towards interdisciplinary learning. With the implementation of Four Year Undergraduate Programme in 2024, the department now offers B. Sc Physics (Honours) with specializations in Material Science, Space Physics and Computational Physics.

Advisory Committee

Prof. M R Anantharaman

Visiting Professor
School of Nano Science and Nano
Technology
Mahatma Gandhi University, Kottayam

Dr. Harikrishna Varma P R

Act. Head, Biomedical Technology Wing,
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Former Associate Director, MMG
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ICAMF 2025

The International Conference on Advanced Materials for Future, ICAMF 2025 serves as a premier platform for interaction, knowledge exchange and collaboration among Scientists, Academicians, Researchers and Industry professionals. By bringing together experts and emerging researchers from diverse disciplines, the Conference aims to foster meaningful dialogues, inspire innovative ideas and promote partnerships that drive advancements in Material Science and Technology. ICAMF 2025 offers an excellent opportunity to update one's knowledge base and explore the latest developments, innovations, and research trends in the field of advanced materials. It also aims to motivate and inspire students, providing them with valuable exposure to current research trends and opportunities.

THRUST AREAS

|Advanced Materials & Characterisation |Biomaterials
|Biomimetic Materials |Building Materials |Circular Economy &
Recycling |Computational & AI driven Materials Design |Fusion
Materials |Materials for Electronics & Sensors
|Nanocomposites |Photonic & Optoelectronic Materials
|Quantum & 2D Materials | Soft Matter |Strategic & Functional
Materials |Sustainable & Green Materials |Sustainable Energy
& Storage|

SPEAKERS



Prof. M R Anantharaman
Visiting Professor
School of Nano Science and Nano
Technology
Mahatma Gandhi University, Kottayam



Dr. Harikrishna Varma P R
Act. Head, Biomedical Tech. Wing,
Sree Chitra Tirunal Institute for
Medical Sciences & Technology,
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Dr. John Philip FNASc
Emeritus Professor, CUSAT
Former Associate Director, MMG
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Senior Capt. Bindu Sebastian
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Alumna, Alphonsa College, Pala



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Department of Physics
University of Kerala



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Materials Science Centre
Indian Institute of Technology,
Kharagpur



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Material Science and Nano
Engineering
Rice University, USA



Joe Sunny

Institute of Physics
University of Augsburg, Germany

CALL FOR PAPERS

The International Conference on Advanced Materials for Future (ICAMF 2025) invites submission of high-quality research papers presenting recent advancements, innovative findings and emerging applications of advanced materials in Science, Engineering and related fields. Abstract Book will be released during the Conference. Selected papers will be published as book chapters with ISBN. Awards for best oral/ poster presentations will be given during the conference based on scientific significance, originality and technical quality.

Registration Fee Details

UG & PG Students	: 1000 INR
Research Scholars	: 1500 INR
Faculty	: 2000 INR
Industry	: 3000 INR
Accompanying Person	: 1000 INR
Foreign Delegates	: 40 USD

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Dates to Remember

Abstract Submission	: 10 November, 2025
Registration Deadline	: 15 November, 2025
Notification of Acceptance	: 15 November, 2025
Full paper Submission	: 20 November, 2025
Conference Dates	: 02-03 December, 2025

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