



FIRST
ANNOUNCEMENT



Fourth International Conference on

SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS (STAM 27)

12-14 January, 2027



Organized by

MAR ATHANASIOUS COLLEGE (AUTONOMOUS), KOTHAMANGALAM, KERALA

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ABOUT STAM 27



Building on the remarkable success of STAM 20, STAM 23, and STAM 25, Mar Athanasius College (Autonomous), Kerala, India, is delighted to host the Fourth International Conference on Science and Technology of Advanced Materials (STAM 27) from 12–14 January 2027, featuring an enriched scientific program with exciting new highlights and opportunities for global collaboration. This prestigious three-day international conference will bring together eminent scientists, academicians, researchers, industry professionals, and young investigators from across the globe to discuss recent advances and emerging trends in advanced materials and their interdisciplinary applications.

The conference will feature Keynote Addresses, Plenary Lectures, Invited Talks, Academic–Industry Interface Sessions, Startup Innovation Showcase, Young Scientists' Forum, Oral and Poster Presentations, along with networking sessions designed to foster international collaborations. STAM 27 aims to provide an excellent platform for researchers to present their latest findings, exchange innovative ideas, establish multidisciplinary collaborations, and promote scientific excellence in the fields of materials science, nanotechnology, energy, environment, healthcare, and sustainable technologies.

With the participation of renowned experts from leading universities, research institutions, and industries worldwide, STAM 27 will serve as a vibrant forum for disseminating cutting-edge research, encouraging innovation, and strengthening global partnerships in advanced materials research. The conference aspires to inspire young researchers while addressing contemporary scientific challenges and contributing to the development of sustainable technologies for the future.

ABOUT MAR ATHANASIOUS COLLEGE

Mar Athanasius College (Autonomous), affiliated to M.G. University, Kottayam was established in 1955. The college is owned and managed by Mar Athanasius College Association which was constituted in 1953 under the Cochin Registration of Scientific and Charitable Societies Act with a total of 18 honours degree programmes, 17 postgraduate programmes, one integrated postgraduate programme, and 8 doctoral programmes, our educational offerings are designed to provide a rich and varied academic experience.

HIGHLIGHTS OF STAM CONFERENCE

- Publication in Reputed Scopus - Indexed International Journals
- Prof. M.P. Varghese Young Researcher Award
- Best Oral Presentation Award
- Best Poster Presentation Award
- Academia - Industry Interface Colloquium
- Startup - Innovation Showcase

Theme 1: Advanced Materials, Synthesis and Characterization

- Nanomaterials and Nanotechnology
- Functional and Smart Materials
- 2D Materials
- Electronic, Optical and Photonic Materials
- Semiconductors
- Porous Materials
- Ceramics, Alloys and Magnetic Materials
- Polymers, Composites and Hybrid Materials
- Advanced Characterization Techniques
- Advanced Materials Synthesis

Theme 2: Advanced Materials for Energy Storage, Energy Harvest and Conversion

- Materials for Batteries and Supercapacitors
- Hydrogen Production, Storage and Fuel Cells
- Materials for Solar Cells
- Materials for Carbon Capture, Storage and Conversion
- Materials for EMI Shielding
- Flexible and Wearable Energy Storage Devices
- Piezoelectric and Thermoelectric Materials

Theme 3: Biomaterials and Medicine

- Biomaterials for Cancer Diagnosis and Therapy
- Drug Delivery Systems and Nanomedicine
- Biomaterials in Immunotherapy and Vaccine Development
- Biomaterials and Regenerative Medicine
- 3D Bioprinting, Biofabrication and Tissue Engineering
- Dental Materials, Implants and Oral Therapeutics
- Biomaterials in Reproductive, Neuro and Endocrine Toxicology
- Phytochemistry, Alternative, Traditional and Integrative Medicine
- Phytopharmaceuticals, Herbal Medicines and Nutraceuticals
- Microbial Biomaterials, Probiotics and Antimicrobial Resistance
- Biosensors and Bioelectronics

Theme 4: Advanced Materials for Agriculture and Food

- Materials for Agricultural Applications and Environmental Safety
- Smart Packaging and Food Preservation
- Precision Agriculture and Sustainable Farming Technologies
- Emerging Materials for Plant Health, Food Security
- Natural Biomaterials and Marine-Derived Biomaterials

Theme 5: Materials for Environmental Sustainability

- Green Materials and Circular Economy
- Environmental and Sustainable Materials
- Soil and Water Remediation
- Waste to Wealth Technologies
- Life Cycle Assessment and Sustainable Materials Design
- Environmental Monitoring Sensors and Smart Materials

Theme 6: Artificial Intelligence and Digital Technologies for Advanced Materials

- Artificial Intelligence and Digital Materials
- Materials Informatics
- Machine Learning for Materials Discovery
- Generative AI for Novel Materials Design



IMPORTANT DATES

Beginning of Online Registration	: 15 July 2026
Beginning of Online Submission of Abstracts	: 15 July 2026
Last Date of Online Submission of Abstracts	: 01 November 2026
Intimation of Acceptance of Abstract	: 20 November 2026
Last Date of Submission of Full Paper	: 01 January 2027
Closing of Early Bird Registration	: 01 December 2026
Closing of Registration	: 01 January 2027

CONTACT

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Visit the Website for Abstract Submission

Dead line	National Participant (INR)		Industrial Participants (INR)	Overseas Participants (US\$)			
	Students/Research Scholar	Faculty		Students		Faculty	
				offline	Online	Offline	Online
Early Bird Registration	2500	3500	5000	US\$ 250	US\$ 100	US\$ 350	US\$ 250
Regular Registration	3000	4000	5500	US\$ 300	US\$ 150	US\$ 400	US\$ 300
Spot Registration	3500	4500	6000	US\$ 350		US\$ 450	

•Publication charges (if applicable) shall be borne by the authors separately.