



ANRF (DST - SERB) Sponsored
International Conference on
**Advanced Energy Materials
for a Sustainable Future**
(ICAEMS 2024)

on 22nd & 23rd August, 2024



Organized by

Department of Science and Humanities

Federal Institute of Science And Technology (FISAT)[®]

Hormis Nagar, Mookkannoor, Angamaly, Kerala 683577

About the Conference

ICAEMS 2024 aims to bring together leading academic scientists, researchers, and research scholars to exchange and share their experiences and research findings on all aspects of advanced energy materials for a sustainable future. This event will feature renowned resource persons and participants from across the globe, fostering an environment of international collaboration and innovation. The two-day international conference will include invited lectures by eminent academicians and scientists, as well as oral and poster presentations by researchers and emerging scientists from various parts of the world.

Objectives:

1. Provide a platform for researchers: Present the latest findings, advancements, and innovations in advanced energy materials for a sustainable future.
2. Facilitate the exchange of ideas: Share knowledge and best practices among scientists, engineers, and industry professionals.
3. Encourage collaborations: Foster partnerships between academia, industry, and government organizations to accelerate the development of advanced energy technologies.
4. Create networking opportunities: Enable attendees to build professional networks, promoting collaborative projects.
5. Focus on sustainable energy solutions: Develop and promote energy materials that address global challenges such as energy security and environmental sustainability.
6. Promote interdisciplinary research: Integrate knowledge from chemistry, physics, materials science, engineering, and related fields to advance research in energy materials.

About College

The Federal Institute of Science and Technology (FISAT), a distinguished self-financing private engineering college in South India, is promoted by the Federal Bank Officers' Association Educational Society (FBOAES). Established in 2002 with the motto "Focus on Excellence," FISAT has become a beacon of professional education, excelling in academics, placements, and extracurricular activities. Accredited by the NAAC with an 'A+' grade and the NBA for six B.Tech programs, FISAT is also ISO 9001:2015 certified.

About Department

The Department of Science and Humanities, one of the first departments established at FISAT, plays a crucial role in providing foundational education in Science and Humanities across all engineering disciplines. Recognized as a research center by APJ Abdul Kalam Technological University, the department is renowned for organizing significant seminars and conferences, fostering a robust science acumen among students through various engaging activities.

Theme Areas

Advanced energy materials for a sustainable future
Photovoltaic materials
Supercapacitors
Fuel cells
Smart windows and coating
Nanotechnology and nanomaterials in sustainable energy solutions
Characterization techniques for energy materials

Speakers



(Rtd.) Prof. Sabu Thomas

Former Vice-Chancellor and Professor,
MG University, Kottayam



Mr. P K Mohammed

Chief Advisor
Research & Development,
Apollo Tyres Ltd



Prof. M K Jayaraj

Emeritus Professor, Department of Physics,
CUSAT
Former Vice-Chancellor
University of Calicut



Dr. Dinesh Jagadeesh

Associate Professor
IIT Palakkad,
INSA Young Scientist



Prof. P. Bijji

Professor & Head,
Dept of Chemistry & Nanoscience & Technology,
PSG Institute of Advanced Studies, Coimbatore



Dr. S Sankara Narayanan Potty

Scientist E,
Centre for Materials for Electronics
Technology (C-MET), Thrissur



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Associate Professor
School of Chemical Sciences,
Mahatma Gandhi University, Kottayam



Dr. Sanal K C

Asst. Professor,
Autonomous University of Nuevo León,
Mexico



Dr. Anoop Anand

Scientist,
DRDO, Pune



Dr. Aby C P

Czech Advanced Technology and
Research Institute (CATRI) - RCPTM,
Palacky University

GUIDELINES

ORAL PRESENTATION : Abstract should be prepared in the prescribed format available in the website and uploaded along with the registration form. For further details & updates please keep visiting the conference website. (<https://icaems2024.fisat.ac.in>).

POSTER PRESENTATION

The poster must not be larger than 100 x 80 cm (height x width) and the name of presenting author should be underlined.

The best poster and oral presentations will be awarded.

PUBLICATIONS

Selected abstract will be published as pre-conference proceedings.

Accepted full papers will be published in ISSN indexed book/reputed journal.

Registration

Your Registration includes conference registration kit, access to scientific sessions, morning and afternoon refreshments and lunch. Accompanying persons are required to register for the conference at 50% charges and they will have access to refreshments and lunch. Spot Registration available.

Category	Indian Delegates
Student	₹ 300
Research Scholars	₹ 750
Faculty	₹ 1000
Industry	₹ 1500

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Register here

<https://forms.gle/38ftzi2srSiHbeJZ9>

Important Dates:

Last date for abstract submission - **August 12**
Notification for abstract acceptance - **August 15**
Last date for full paper submission - **August 20**

Contact Us

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Convenors

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Organizing Committee

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Ms. Aswathy Balagopal, Lab Demonstrator, FISAT

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