



ICAMGES 2026

INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS, GREEN ENERGY & SUSTAINABILITY

05-07 FEBRUARY, 2026

Joint organisers



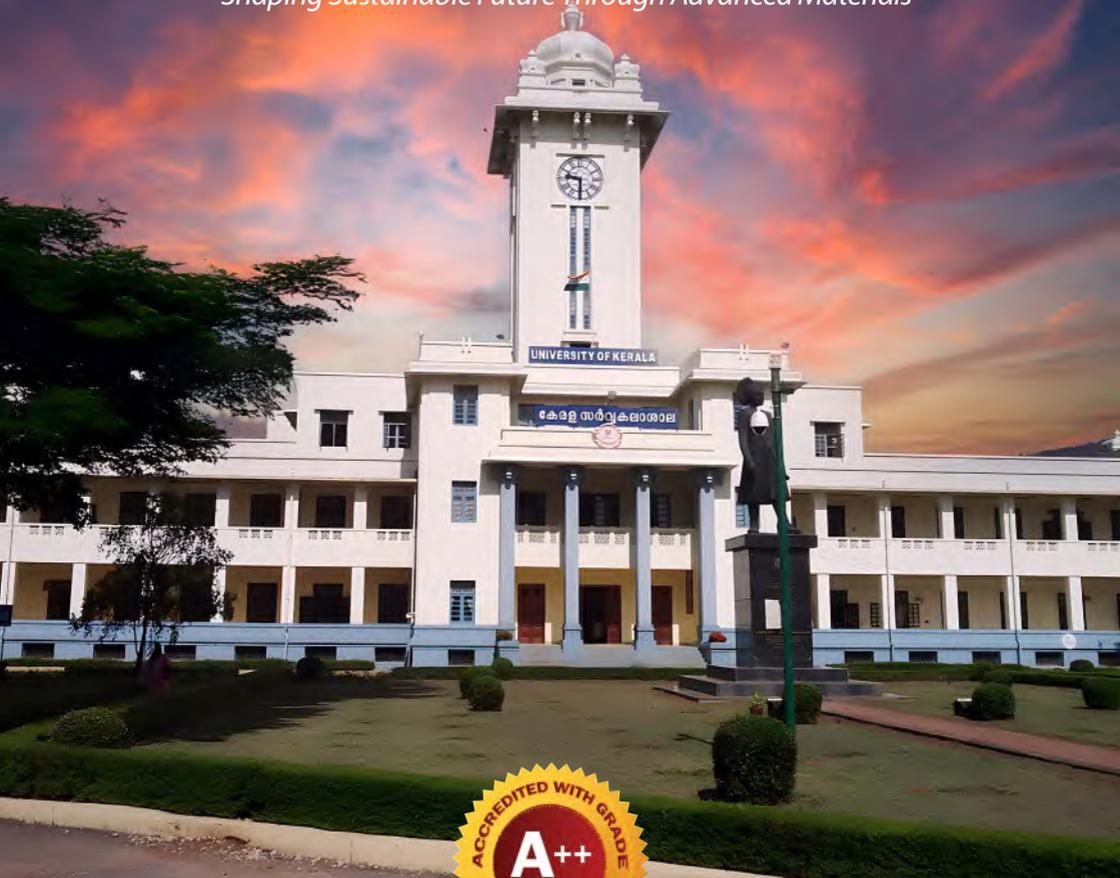
Co-sponsors



Organised By: Department of Chemistry & Centre for Renewable Energy & Materials
University of Kerala, Thiruvananthapuram

UNIVERSITY OF KERALA , KARIAVATTOM CAMPUS

Shaping Sustainable Future Through Advanced Materials



The **University of Kerala** is a government state university in Thiruvananthapuram, established in 1937 as the University of Travancore, making it one of the first 16 universities in India. It is the first university in the state and is accredited with an 'A++' grade by NAAC. The university offers a wide range of undergraduate, postgraduate, doctoral and post-doctoral programs and has a large campus at Kariavattom, and its motto is “Karmani Vyajyate Pranja,” or “Wisdom through Action”. The university was modelled after the best universities in the United Kingdom, and its founder was the Maharaja. The main campus is in Kariavattom, and it is spread over several other campuses in the Thiruvananthapuram area. Its territorial jurisdiction includes the districts of Thiruvananthapuram, Kollam, Alappuzha, and Pathanamthitta. The university offers a wide array of programs at undergraduate, postgraduate, and doctoral levels.



DEPARTMENT OF CHEMISTRY

The Department of Chemistry, University of Kerala, established in 1937 and emerging as a full-fledged science department in 1957, is one of the University's leading centres for teaching and research. Initially engaged in applied research of national importance, the Department has evolved into a vibrant hub for advanced chemical education and interdisciplinary research. The Department offers three M.Sc. programmes—Chemistry, Chemistry (Renewable Energy), and Chemistry (Functional Materials)—along with a Ph.D. programme. It has awarded over 200 Ph.D. degrees and published more than 5,000 research papers in reputed national and international journals. Well-equipped laboratories and state-of-the-art analytical facilities support cutting-edge research, including BET surface area analysis, electrochemical workstations, LC-MS, gas chromatography, HPLC, NMR, FT-IR, fluorescence spectroscopy (FLS), dynamic light scattering (DLS), UV-Visible spectroscopy, and SECM facilities. A well-stocked departmental library with 5,545 volumes, including an extensive Chemical Abstracts collection, further strengthens research and academic excellence.

CENTRE FOR RENEWABLE ENERGY AND MATERIALS

Established in 2019 at the Kariavattom Campus, Thiruvananthapuram, the Centre for Renewable Energy & Materials (CREM) is dedicated to advancing research and innovation in renewable energy and sustainable materials, with a focus on enabling a low-carbon and energy-efficient future. CREM promotes interdisciplinary research,

global collaboration, and ethical leadership, and aims to generate knowledge in renewable energy and sustainable development while encouraging energy efficiency and responsible technological practices. By integrating expertise across Physics, Chemistry, Optoelectronics, Nanoscience and Nanotechnology, and Biotechnology, the Centre drives cutting-edge research and innovation. Recognized as a Research Centre, CREM aspires to set benchmarks in clean energy and advanced materials research. It offers postgraduate programmes, state-of-the-art laboratories, internships, and postdoctoral research opportunities, fostering skilled human resources and collaborative efforts toward sustainable technological advancement.

About ICAMGES 2026

The International Conference on Advanced Materials, Green Energy and Sustainability (ICAMGES 2026) is envisioned as a premier global platform that brings together researchers, academicians, industry professionals, policymakers, and students to exchange knowledge, share recent advancements, and address emerging challenges in advanced materials, green energy, and sustainable development. The conference fosters interdisciplinary dialogue and collaboration across materials science, renewable energy, and sustainable technologies, promoting innovative scientific solutions to global issues such as energy security, environmental degradation, and climate change. ICAMGES 2026 highlights cutting-edge research in advanced functional materials, nanotechnology, energy conversion and storage systems, hydrogen and fuel cell technologies, green chemistry, and environmentally benign processes, with special emphasis on carbon neutrality, resource efficiency, and the circular economy. Through keynote lectures, technical sessions, panel discussions, and interactive forums, participants will gain insights into current trends, future directions, and best practices, while strengthening academia–industry linkages to translate research outcomes into practical solutions and policy initiatives that support a low-carbon, resource-efficient, and environmentally responsible future.

OBJECTIVES

ICAMGES 2026 will serve as a multidisciplinary platform to

- Promote cutting-edge research
- Foster interdisciplinary collaborations
- Inspire students towards science, innovation and sustainability
- Address global challenges related to energy security, climate change and sustainable growth

FOCUS AREAS

ADVANCED MATERIALS

Nanomaterials & Nanotechnology
Functional & Smart materials
Energy storage materials
Catalysts & Electrocatalysts
Biomaterials & Polymer composites
AI driven materials

GREEN ENERGY

Solar, Wind & Hybrid energy systems
Hydrogen energy & Fuel cells
Bioenergy & Waste-to-Energy
Bioelectrochemical systems & MFC
Energy conversion & Storage technologies
Power electronics for renewable energy

SUSTAINABILITY

Sustainable materials & Green chemistry
Carbon neutrality & Climate action
Circular economy & Waste management
Environmental monitoring & Pollution control
Sustainable energy policy & Management

Proceedings will be published with ISBN number

FEATURES

- International platform
- Interdisciplinary themes
- School Students Engagement Sessions
- Oral and Poster Presentations
- Flash Talk Sessions (3-Minute Talks)
- HEAM Scientist 2026
- HEAM Scholar 2026
- Research Collaborations
- Industry Interactions
- Opportunity for networking
- Opportunity for Internship
- Opportunity for publications



TARGETED PARTICIPANTS

- Students & Researchers
- Faculty members & Scientists
- Industry professionals
- Policy makers & Sustainability practitioners



To encourage young innovators, a special exhibition session is organized for school students to display their research ideas, working models, and sustainability-focused innovations

Conference invites participant categories & abstracts for oral/poster (online & offline) with awards for the best oral and poster presentations.

ABSTRACT FORMAT

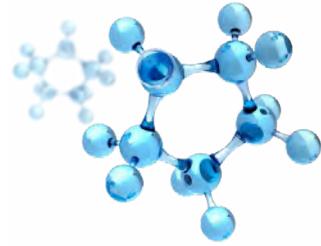
Font should be Times New Roman, abstract title font size-20, author name -12, Affiliation in italics and corresponding author mail- font size 10, abstract -12, Figure 1, keywords-5 and Reference- [1] first name, journal name in italics, volume, page (year)-Font size 11. Strictly abide by the rules.

Poster size: 84 cm (W) × 118 cm (H) (A0 size)

In accordance with our **green protocol**, participants are encouraged to print their posters on high-quality paper or cloth to promote sustainable practices.



Inaugural ADDRESS



Ayfer Veziroglu, Ph.D

President, the International Association for Hydrogen Energy.

LIST OF SPEAKERS



Dr. Parvatalu Damaraju

ONGC Energy Centre, Mumbai, India



Prof. Stefan Adams

National University of Singapore, Singapore



Dr. Bipin Kumar Gupta

CSIR-National Physical Laboratory, New Delhi, India



Dr. Mrinal Pal

CSIR-Central Glass & Ceramic Research Institute, Kolkata



Dr. T. Maiyalagan

SRM Institute of Science and Technology, Chennai, Tamil Nadu, India



Prof. A. Arun

Alagappa University, Karaikudi, India



Prof. V. M. Biju

National Institute of Technology, Tamil Nadu, India



Prof. Tokeer Ahmad,

Jamia Millia Islamia, New Delhi, India



Dr. Anantharaj Sengeni

IIT Kanpur, Kanpur, U.P India



Prof. Sanjeev Mukerjee

Northeastern University, Boston, Massachusetts, USA



Dr. M. V. Reddy

Nouveau Monde Graphite, Canada



Dr. Pramod H. Borse

International Advanced Research Centre for Powder Metallurgy & New Materials, Telangana, India



Prof. S. Nagarajan

Central University of Tamil Nadu, Thiruvavur, India



Prof. M. M. Shaijumon

IISER, Thiruvananthapuram, India



Prof. Mary Gladis

IIST, Thiruvananthapuram, India



Dr. Rakhi R. B.

CSIR- IIIST, Thiruvananthapuram, India



Dr. Aslam Hossain

Southern Federal University, Russia



Dr. D. Pukazhselvan

University of Aveiro, Portugal.



Prof. Sovik Das
Indian Institute of Technology Delhi,
India



Dr. M. Ulaganathan
Amrita Vishwa Vidyapeetham,
Coimbatore, India



Dr. Dilimon V. S.
Technical University of Chemnitz,
Germany



Dr. Ashwini Ravi
Senior Material Engineer,
Volvo Groups India Private Limited



Dr. Anjaiah Sheelam
NIT, Warangal,
India



Dr. Santi Prasad Rath
SRM Institute of Science and
Technology (SRMIST), Kattankulathur,
Tamil Nadu



Dr. M. Jaykumar
KL university, Hyderabad,
India

REGISTRATION DETAILS

Important Date

Abstract Submission & Registration deadline : **23rd January, 2026**

Registration Fee

Students - ₹ 750/-

Researchers - ₹ 1500/-

Faculty - ₹ 2000/-

Industry - ₹ 3000/-

BANK ACCOUNT DETAILS

A/C No. 120038151913

IFSC Code CNRB0002762

Branch- Canara Bank Kazhakoottam

Account Name- ICAMGES 2026

UPI ID: cnb.191320252738@cnrb



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For accommodation contact

Dr. Anjana Ratheesh, DST Women Scientist, Ph: **9497 277 406**



Advisory Committee

1. **Dr. Parvatalu Damaraju**, Oil and Natural Gas Corporation (ONGC) Energy Centre, India
2. **Dr. M. Shaneeth**, Vikram Sarabhai Space Centre, India
3. **Prof. Bipin Kumar Gupta**, CSIR-National Physical Laboratory, New Delhi
4. **Dr. Pramod H. Borse**, International Advanced Research Centre for Powder Metallurgy & New Materials, Telangana, India
5. **Dr. Sangaraju Shanmugam**, Daegu Gyeongbuk Institute of Science and Technology (DGIST), South Korea
6. **Prof. Soorathep Kheawhom**, Chulalongkorn University, Bangkok
7. **Prof. M. V. Reddy**, Nouveau Monde Graphite, Montreal, QC, Canada
8. **Prof. Subrahmanyam Challapalli**, Indian Institute of Technology, Hyderabad
9. **Prof. Prathiba Sharma**, IIT Bombay, Mumbai
10. **Prof. S. Nagarajan**, Department of Chemistry, Central University of Tamil Nadu, Thiruvavur
11. **Dr. M. S. Santosh**, CSIR-CIMFR, Dhanbad, Jharkhand
12. **Dr. P. Iyngaran**, University of Jaffna, Sri Lanka
13. **Prof. Anil Kumar P. S.**, Indian Institute of Science, Bangalore
14. **Prof. Sampath S.**, Indian Institute of Science, Bangalore



Organizing Committee

Chair

Prof. (Dr.) S. M. A. Shibli

Senior Professor,
Department of Chemistry
& Hon. Director, Centre for Renewable Energy
and Materials
University of Kerala, Kariavattom Campus

Organizing Secretary

Dr. Ani Deepthi

HOD & Assistant Professor
Department of Chemistry
University of Kerala

Organizing committee members

Prof. Jobin Cyriac, IIST

Prof. Jayakrishnan A., University of Kerala

Prof. T.S. Anirudhan, University of Kerala

Dr. Sony George, University of Kerala

Dr. Suneesh C.V., University of Kerala

Prof. Dinesh Babu K.V., University of Kerala

Dr. Sandhya K.S., University of Kerala

Dr. Bhavya Bhadran, University of Kerala

Dr. Bhagya T.C., University of Kerala

Dr. Jineesh Pullala, University of Kerala

Dr. Kanananagi S. Nair, University of Kerala

Dr. Anjana Ratheesh, University of Kerala

Dr. Deepa M.J., University of Kerala

Dr. Sameera S., University of Kerala

CONTACT

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Dr. Deepa M. J. : + 919633158647

Assistant Professors
Department of Chemistry
University of Kerala

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Tourist Spots in and around Thiruvananthapuram

To enhance the conference experience, an optional guided local tour has been arranged for interested participants. Trivandrum, the capital city of Kerala, offers a unique blend of heritage, culture, spirituality, and natural beauty.

1. Padmanabhaswamy Temple

One of the most sacred and architecturally magnificent temples in India, dedicated to Lord Vishnu. Renowned for its Dravidian style and historical significance, it stands as a symbol of Trivandrum's spiritual heritage.



2. Napier Museum & Sri Chitra Art Gallery

A fine example of Indo-Saracenic architecture, the Napier Museum houses rare archaeological and historical artifacts. The adjoining art gallery showcases works of Raja Ravi Varma and other renowned Indian and international artists.



3. Kovalam Beach

A globally acclaimed beach destination known for its crescent-shaped coastline and lighthouse views. Kovalam offers a serene atmosphere ideal for relaxation and experiencing Kerala's coastal charm.



4. Poovar Island

A scenic estuarine destination where rivers meet the Arabian Sea, surrounded by lush mangroves. Poovar is known for its tranquil backwaters, golden sand beaches, and boat cruises.



5. Veli Tourist Village

A picturesque waterfront destination featuring a unique convergence of lake, lagoon, and sea. It offers boating facilities, landscaped gardens, and leisure spaces ideal for short excursions.



6. Kanakakunnu Palace & Cultural Grounds

A historic palace set amidst beautifully landscaped gardens, often hosting cultural programs and exhibitions. The area reflects Kerala's royal heritage and vibrant cultural traditions.



INTERNATIONAL CONFERENCE ON
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SUSTAINABILITY**

February 5-7, 2026



University of Kerala,
Kariavattom campus

