



Stay Ahead

BANNARI AMMAN

INSTITUTE OF TECHNOLOGY

An Autonomous Institution, Affiliated to Anna University,
Approved by AICTE, Accredited by NAAC with 'A+' Grade

NATIONAL CONFERENCE ON INNOVATIVE MATERIALS FOR SUSTAINABLE ENVIRONMENT AND ENERGY APPLICATIONS (IMSEE – 2025)

(Hybrid Mode)

Organized by

Department of Chemistry

December 24, 2025

Bannari Amman Institute of Technology

Bannari Amman Institute of Technology is an autonomous, self-financing engineering college approved by AICTE, New Delhi, and affiliated to Anna University, Chennai. Located on the banks of the river Bhavani, BIT offers 11 UG, 2 PG and MBA programme. The institute has well-established academic and research facilities with many state-of-the-art initiatives. The campus has excellent infrastructure built in collaboration with industry and research partners. The spacious and earth-connected buildings with their landscaped courtyards and pathways are designed to emphasize business ethics and the characteristics of an excellent learning centre. The campus houses well-planned academic blocks, computer centres, lecture halls, libraries, laboratories, conference rooms, staff quarters, residence halls and student centres.

About the Department

The department was established in the year 1996 with aim to provide strong fundamentals in Science and Technology for under graduate courses and to develop the research activities in Applied Chemistry. It caters to the needs of B.E./B.Tech students in strengthening their knowledge in Applied Chemistry to serve for their career as an effective technocrat. The Department faculty members have obtained research projects funded by DST- SERB, BRNS, UGC-DAE-CSR, CSIR, and TNSCST. The faculty members have research collaboration with internationally recognized scientists from South Korea, Japan, USA, Taiwan and Malaysia..

About the Programme & its Objectives

The conference provides a platform to showcase research, share case studies, and discuss innovative approaches to achieve sustainable development in alignment with the United Nations' Sustainable Development Goals (SDGs). The IMSEE-2025 conference aims to bring together researchers, academicians, industry professionals, policy makers and students to exchange ideas, knowledge, and advancements in the field of science and technology with a focus on sustainability. The scope of the conference includes but is not limited to:.

- Sustainable Energy Solutions
- Sustainable Technologies in Industry and Manufacturing
- Liquid Crystals
- Innovations in Healthcare and Biotechnology
- Advances in Sustainable Agriculture
- Environmental Science and Engineering
- Sustainable advanced materials
- Renewable energy
- Hydrogen Energy and Fuel Cell
- Nanomaterials and composites
- Water Resource
- Green Materials & Green Chemistry
- Polymers and Composites
- Computational Materials Science

Speakers

Dr Raju Nandhakumar

Associate Professor

Department of Applied Chemistry

Karunya Institute of Technology and Sciences

Coimbatore

Dr T Suresh

Assistant Professor

Department of Chemistry

Bharathiar University, Coimbatore

Abstract and Paper submission guidelines

- Registered participants are requested to submit an extended abstract (template in Word) by December 20, 2025.
- It is proposed to bring out proceedings of the Conference with ISBN Number. Acceptance notification will be communicated to authors, with a request to submit the soft copy of the final abstract in camera-ready form.
- IMSEE-2025 will endeavor to give preference to papers which deal with new advancements, applications, and developments in the aforesaid areas
- All papers submitted for presentation in the Conference must be original and should not have been presented elsewhere. All papers will be subjected to review and decisions will be conveyed to the authors accordingly

Committee

National Advisory Committee

Dr Ravi G, Vice-Chancellor Senior Professor of Physics, Alagappa University, Karaikudi

Dr Muralidharan G, Senior Professor, The Gandhigram Rural Institute (Deemed to be University), Dindigul

Dr Ashok M, Professor, NIT, Trichy

Dr Sujay Chakravarty, Scientist-F, CSR-DAE, Kalpakkam Node

Dr K Senthil, Professor, VIT, Andhra Pradesh

Dr Sakthipandi K, Professor, SRM Group of Institutions, Tiruchirappalli

Dr Senthil T S, Professor, North Eastern Hill University (NEHU), Shilong

Dr Sasikumar R, University of Madras, Chennai

Dr Pandikumar A, Senior Scientist, CSIR, Karaikudi

Dr Muthu Senthil Pandian, SSN Institutions, Chennai

Advisory committee

Dr Palanisamy C, Principal, BIT

Dr Sivakumar K, Dean-Admin, BIT

Dr Amarkarthik A, Dean Academics and R&D, BIT

Organizing Committee

Convener :

Dr Praveena R, Head & Asso. Prof., Dept. of Chemistry

Organizer :

Lt Dr Malathi M, Asso. Prof., Dept. of Chemistry

Dr Deepha V, Asst. Prof., Dept. of Chemistry

Coordinator (s) :

Dr Vijayanand P S, Professor, Dept. of Chemistry

Dr Subhapriya P, Asso. Prof., Dept. of Chemistry

Dr Kavitha C, Asso. Prof., Dept. of Chemistry

Dr Sathish V, AP-III, Dept. of Chemistry

Dr Muthukumar P, AP-III, Dept. of Chemistry

Dr Viswanathan G, AP-III, Dept. of Chemistry

Dr Murali Krishnan M, AP-III, Dept. of Chemistry

Dr Rameshkumar A, AP-III, Dept. of Chemistry

Dr Jesin Beneto A, AP-II, Dept. of Chemistry

Dr Karuppusamy S, AP-I, Dept. of Chemistry

Dr Manigandan S, AP-I, Dept. of Chemistry

Dr Kasthuri S, AP-I, Dept. of Chemistry

For details

Lt Dr Malathi M,

Asso. Prof., Dept. of Chemistry

Mobile No: 98944 67247

Email Id: Malathimahalingamm@bitsathy.ac.in; Websife : www. <https://www.bitsathy.ac.in/>

Abstract

Authors are invited to send one page abstract with title, author affiliation (with asterisk mark on corresponding author and Times New Roman, Font size: 12, 1.5 space) along with the registration form to the convenor, on or before 20-12-2025. The name of the presenting author should be underlined. The acceptance of the abstract will be communicated to the corresponding / presenting author through an email. Selected manuscripts will be published in a Scopus indexed Journal.

Oral Presentation

Power point Presentation for about 8 minutes followed by 2 minutes discussion.

How to reach BIT

BIT is located at 5 Km from Sathyamangalam towards Athani. Sathyamangalam is well connected by road from Erode and Coimbatore.

The nearest railway stations are Erode (62 Km) and Coimbatore (70 Km).

Registration

Registration Deadline : 20-12-2025

Registration link : <https://forms.gle/v3UEETxqQMYceoEX5>



Conference Registration Details

The registration fee should be paid through Online payment mode with the following details.

A/C Name	: BIT - Centre for Advanced Studies
A/C No.	: 911010036862582
Account Type	: Savings Account
Branch	: Axis Bank, Sathyamangalam
IFSC Code	: UTIB0000036S

Fee Details

Presenting Paper

UG & PG Students	: INR 200
Research Scholars & Faculty	: INR 300
Industry Delegates	: INR 500

Participation only

PG students	: INR 100
Research Scholars	: INR 100
Faculty	: INR 200

Important Dates

Last Date for Submission of Abstract : 20.12.2025 Last Date for Online Registration : 18.12.2025