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Assistant Professor, Biochemistry, PSG College of Arts & Science, Coimbatore
- Dr. R. Udayakumar
Associate Professor Biochemistry, Government arts college, Kumbakonam
- Dr. A. Edward
Assistant Professor, Biotechnology, St. Joseph's College (Autonomous), Trichy

KEY NOTE SPEAKERS



Dr. T. Palaniselvam is currently serving as Assistant Professor in the Department of Chemistry at IIT Madras from June 2022. He is a materials chemist and his research interest focuses on developing functional materials for energy storage and conversion devices. His thrust areas High-performance electrode materials for all-solid-state battery applications, solid electrolytes with high ionic conductivity and stability, cognize the electrode-electrolyte interphase(interface) by in-situ techniques, heterogeneous catalysts for PEM fuel cell, Functional materials for photo-electrocatalysis.



Dr. N. Vasimalai is an Assistant Professor (Sel. Gr) by designation in the Department of chemistry at B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai from April 2018. His Research Interest is on Metal, metal oxide and fluorescent nanoparticles, C3N4, MXenes, GO, Carbon dots, RGO nanomaterials, Opto chemical sensor, Electro chemical sensor, Cancer inhibition studies and drug delivery, Biomedical applications, Super capacitor and battery applications and Biomass energy consumption and sustainable development.

REGISTRATION FEES

UG/PG STUDENTS

Rs. 300/-

RESEARCH SCHOLARS

Rs. 500/-

FACULTY MEMBERS

Rs. 500/-

Registration Fee should be paid through online directly to SBI account

**SSM Institute of Engineering and Technology
(S. CHENNIMALAI GOUNDER CHARITABLE TRUST)**

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Registration fee covers conference kit, Lunch, Refreshments and Certificate.

Participation Certificates will be issued.
Spot registration can be encouraged for participation only.

NATIONAL CONFERENCE ON RECENT ADVANCES IN SUSTAINABLE MATERIALS AND TECHNOLOGIES (RASMT-2026)

20th February 2026

Organized by

**DEPARTMENTS OF
CHEMISTRY & BIOCHEMISTRY**



**SSM INSTITUTE OF
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Dindigul - Palani Highway, Dindigul,
Tamil Nadu - 624 002, India

ABOUT THE INSTITUTIONS

SSM Institute of Engineering and Technology (SSMIET), Dindigul, is established in 2011-12 by Sri Shanmugavel Mills (SSM) Group, is committed to delivering world-class technical education with strong ethical and social values. Approved by AICTE and affiliated to Anna University, SSMIET has grown from core engineering programs to advanced disciplines including Civil, Mechanical, EEE, ECE, CSE, AI&DS, Cyber Security, IT, AIML and CSBS, with a current intake of 540 students. SSMIET has earned NAAC 'A' Grade (Cycle 2), NBA accreditation, and achieved Autonomous Status in 2024, enabling innovative curriculum design and effective Outcome-Based Education. The institution actively promotes research, industry collaboration, faculty development, innovation, and entrepreneurship.

SSM College of Arts and Science (SSMCAS) is affiliated with Madurai Kamaraj University offers 11 UG programmes with the strength 885 students and 50 faculty members. The programmes include B.Sc. Biochemistry, B.Sc. Computer Science, Artificial Intelligence, Data Science and Analytics, Information Technology, Cloud Computing & Cyber Security, BCA, B.Com. Computer Application Professional Accounting and Bachelor of Business Administration. The Institution got 3-star rating in 2023-2024 by the Institution's Innovation Council (IIC), Ministry of Education's Innovation Cell (MIC), Government of India.

ABOUT THE DEPARTMENTS

The Department of Chemistry was established in the year 2011. Department of Chemistry now caters to the needs of undergraduate B.E / B.Tech programme. The faculty members of the Department are actively involved in research in areas such as corrosion, polymer, environmental chemistry, Nano-materials, sensors, organic chemistry, supramolecules and its charge transfer complexes. The faculty members are actively involved in research projects funded by DST, UGC, etc. The faculty members of the department have published more than 100 International SCI indexed journals. The members have participated in various science and technological events and conducted various programs in our institution.

The Department of Biochemistry was established in 2022 and has shown steady growth in academic and research activities. At present, the department comprises five faculty members and 60 students. Among the faculty, two hold doctoral degrees, while the remaining three are actively pursuing their Ph.D. programs, reflecting a strong commitment to academic advancement and research. The faculty members are engaged in diverse and



interdisciplinary research areas such as "Clinical Biochemistry and Plant Therapeutics", "Neurodegeneration", "Bioremediation", "Phytochemistry", and "Plant Biochemistry. The department has contributed significantly to scholarly output, with a total of 13 research publications to its credit.

ABOUT THE CONFERENCE

The National Conference on "Recent Advances In Sustainable Materials and Technologies(RASMT-2026)" aims to bring together researchers, scientists, academicians, and industry experts to explore the latest developments in sustainable materials. The conference provides a platform for sharing ideas, presenting innovative solutions, and promoting collaboration in sustainable practices to address global challenges. Sustainable development refers to meeting the needs of the present without compromising the ability of future generations to meet their own. In the context of materials science and technology, sustainability focuses on promoting alternative energy solutions to reduce reliance on fossil fuels, enhancing energy efficiency, minimizing environmental impacts from technological and economic activities, ensuring efficient use of materials, and creating a safe and healthy environment for all.

CALL FOR ABSTRACTS

Abstract of original and unpublished research work on the following themes and the related areas are invited from the UG/PG Students, Research Scholars, Faculty members, Scientist. The abstracts will be selected for presentation in RASMT-2026 after review.

THURST AREAS

- Advanced Materials/Bio-materials
- Nanomaterials and Nanotechnology
- Photocatalysis and Catalysis
- Renewable Energy (Solar, Wind, Hydrogen)
- Energy Storage (Batteries, Super capacitors)
- Environmental Remediation and Water Purification
- Quantum Dots and Carbon Nanodots
- Circular Economy and Sustainable Materials
- Drug Delivery and Biomedical Applications
- Smart Sensors and Wearable Materials
- Materials Informatics and Artificial Intelligence
- Machine Learning for Materials Discovery
- Green H2 Production, Photocatalytic Water Splitting, Biochar and Biomass Conversion
- Thermal Energy Storage, Phase Change Materials, 2D Materials and Emerging Electronics
- Metal Organic and Covalent Organic Frameworks (MOFs & COFs)
- Cancer biology and Medical microbiology
- Nutraceuticals, Natural product and drug design
- Advances in phytochemical extraction and analysis

CONFERENCE ABSTRACTS

A one page abstract in word format is required and should be submitted via e-mail : to rasmt2026@gmail.com

Formatting requirements include
Times New Roman font, 12pt size, and single/double line spacing.
The abstract must be original and entirely free from any form of plagiarism.

All Accepted abstracts will be published in the
RASMT - 2026 proceedings with an ISBN.

Best oral and poster presentations will be awarded with a cash prize.

REGISTRATION LINK

<https://forms.gle/w1H7qZtCvgBtzmi69>



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IMPORTANT DATES

Last Date for Registration : **15.02.2026**
Last Date for Abstract Submission : **15.02.2026**
Notification of Acceptance : **18.02.2026**



FOR FURTHER INFORMATION

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