



International Conference Series II
on
“Smart & Green Materials
for Biotechnology,
Biochemical and
Mechanical Applications”
(IC-SGMat -2025)
Hybrid mode
On 10-11 March 2025



SREE BUDDHA
COLLEGE OF ENGINEERING,
PATTOOR
(AUTONOMOUS)

Organized by
DEPARTMENT OF BIOTECHNOLOGY
& BIOCHEMICAL ENGINEERING



CHIEF PATRON

Prof. K. Sasikumar, Chairman
Sree Buddha Educational Society.
Prof. V. Prasad, Secretary
Sree Buddha Educational Society
Sri. A. Sunil Kumar, Treasurer
Sree Buddha Educational Society

PATRON

Dr. K. Krishnakumar , Principal
Sree Buddha College of Engineering, Pattoor
Dr. Saji Varghese, Vice principal,
Sree Buddha College of Engineering, Pattoor

CONVENOR

Prof. Meera Bai S, HoD (BT&BCE)

ORGANISING SECRETARY

Dr. Shamnamol G K
Associate Professor, Dept. of BT&BCE

ADVISORY COMMITTEE MEMBERS

International Advisory

- Dr. Ajayan Vinu
The University of Newcastle, Australia
- Dr. Vijina Abhijith
University of Technology, Sydney
- Mr. Anu Senan
United Nations International
Computing Centre, New York
- Dr. Remya R
University of Sharjah, Dubai

National Advisory

- Dr. T P D Rajan, CSIR-NIIST,
Thiruvananthapuram
- Dr. Binod. P, CSIR-NIIST,
Thiruvananthapuram
- Dr. Pavan Kumar T, CSIR-IMMT,
Bhubaneswar
- Dr. Ramesh U, Advisor –II, AICTE
- Dr. Biju Dharmapalan, National
Institute of Advanced Studies-IISC,
Bangalore
- Dr. Praseetha P K, Noorul Islam
Centre for Higher Education,
Kanyakumari
- Dr. Pramod Sreedharan, School of
Engineering, Amrita Vishwa
Vidyapeetham
- Dr. Arun D I, ISRO,
Thiruvananthapuram
- Dr. Jaya Mary Jacob, KSCSTE,
Thiruvananthapuram
- Dr. Senthil Saravanan, Dean-UG,
SBCE

Organizing Committee members

- Dr. Tamilmani J
- Dr. Shilpalekshmi L
- Dr. Archana Rajendran
- Prof. Chinchu Elezabeth
- Prof. Gopika Ajith

For Further details

Sree Buddha College of Engineering,
Pattoor P.O. Alappuzha dist., Kerala
EMAIL: icsgmat.sbce@gmail.com
PHONE NUMBER:
Dr. Shamnamol G K:-9544016387

ABOUT THE COLLEGE

Sree Buddha College of Engineering, Pattoor, was established in 2002 by the Sree Buddha Educational Society, Kollam. The college began its stride with three B.Tech programs in 2002 and now offers B.Tech programs in nine branches and M.Tech/PhD programs in six branches of Engineering and Technology.

The college is affiliated with APJ Abdul Kalam Technological University and is approved by the All-India Council for Technical Education (AICTE), New Delhi. The college offers **NBA-accredited B.Tech Programs** and has been reaccredited by **NAAC A** grade for another five years since February 2025. The college is also recognized under Section 2(f) of the UGC Act, 1956. The college conferred the autonomous status by UGC on 3 November 2023. In recent years, the college has organized many programs of national importance; Prime Minister's Samsad Gramin Yojana (PM- SAGY), Smart India Hackathon (2019), National Conference Series on Engineering Education for Facing the Future (E2F2) since 2017, etc. The Department of Civil Engineering organized an International Conference on Sustainable Practices in Engineering & Technology (IC-SPET'23) on 14-16 June 2023. The college has become a center of excellence catering to the needs of the higher education sector in the state of Kerala.

ABOUT THE DEPARTMENT

The Department of Biotechnology & Biochemical Engineering is a diverse and powerful faculty encompassing unique expertise in biochemical and molecular life sciences. The department is recognized nationally as well as internationally for its research quality and output and for training students to be industry-ready professionals. Started in 2002, the Department of Biotechnology & Biochemical Engineering, has in a short span of time, established an unparalleled reputation in teaching and research. Having collaborations with DBT, AYUSH, Oushadhi, Universiti Sains Malaysia and various other reputed institutions, the department actively nurtures manpower development by offering 4-year B.Tech (Biotechnology & Biochemical Engineering), 2-year M.Tech (Biotechnology & Biochemical Engineering) and PhD courses. Recently the department organised 2 FDPs funded by APJ Abdul Kalam Technological University.



ABOUT THE CONFERENCE

The Department of Biotechnology and Biochemical Engineering organising an International Conference on “Smart & Green Materials for Biotechnology, Biochemical and Mechanical Applications” at Sree Buddha College of Engineering, Pattoor, Kerala, India. Last year, the department successfully organized the IC-SGMat series I and published the ISBN proceedings. The intent of organizing the international conference is to provide tremendous opportunities to academicians, researchers, and practicing engineers to share scientific knowledge, industrial experiences, and research outcomes. The beneficiaries of the conference are faculties, students, and research scholars from academia and engineers from industry. This would be a platform for knowledge sharing and getting acquainted with the latest developments in emerging technologies in diverse areas of advanced material science

REGISTRATION FEE

Category	Registration fee	
	Indian (Rs.)	International (USD)
Student	650	9
Faculty & Research Scholar	750	10
Industrialist	800	10

EMINENT SPEAKERS

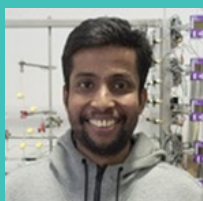


Dr. A Arunagiri
Professor

Department Of Chemical Engineering
National Institute of Technology
Tiruchirappalli, Tamil Nadu, India



Dr. Ashna Rajeev
Research Associate
University of Waterloo, Canada



Dr. Vaishakh Nair
Asst. Professor
Department of Chemical
Engineering
National Institute of Technology,
Surathkal, Karnataka



Dr. Chandrabhan Verma
Postdoctoral Fellow
Department of Chemical Engineering
Khalifa University of Science and Technology,
Dubai

CALL FOR PAPERS

IMPORTANT DATES

Last date for submission of abstract

27/02/2025

Notification on paper acceptance

28/02/2025

Last date for registration

03/03/2025

REGISTRATION LINK

<https://forms.gle/W4PTnUcqLDVyP5n66>



Publication

publish in *Indian Chemical Engineer journal
(publisher Taylor & Francis-Scopus & ESCI)/
Conference proceedings with ISBN number.

*Subjected to approval

CONFERENCE THEME

FOCAL THEME

“Smart & Green Materials for
Biotechnology, Biochemical and
Mechanical Applications”

SUB-THEMES

- Innovative Biomaterials for Healthcare and Industrial Applications
- Sustainable Energy and Fuel Technologies for a Greener Future
- Advancements in Green Technologies for Mechanical Engineering Applications
- Eco-Friendly and Smart Materials for Biomedical Innovations

The Best Paper Award will be presented for the most outstanding research paper under each conference theme, recognizing excellence in innovation, originality, and contribution to the field.