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Sree Buddha College of Engineering, Pattoor
Prof. Anil Kumar A V, HoD (ME)
Sree Buddha College of Engineering, Pattoor

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Dr. M S Senthil Saravanan, Professor
Dept. of Mechanical Engineering (mISTE)
Sree Buddha College of Engineering, Pattoor
Dr. Shamnamol G K, Assistant Professor
Dept. of Biotechnology and Biochemical Engineering
Sree Buddha College of Engineering, Pattoor

TREASURER

Ms. Neethu J, Assistant Professor
Dept. of Biotechnology and Biochemical Engineering,
Sree Buddha College of Engineering, Pattoor

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Higher Education, Kanyakumari
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Education, Kanyakumari
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Dr. Nidhi M B, ISTE National Executive Council
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Dr. J B Sajin, Associate Professor, Dept. of ME
Dr. Malu Ravi, Associate Professor, Dept. of BT&BCE
Dr. Shilpalekshmi, Asst. Professor, Dept. of BT&BCE
Dr. Viji Chandran, Asst. Professor, Dept. of BT&BCE
Dr. Archana Rajendran, Asst. Professor, Dept. of
BT&BCE

EMINENT SPEAKERS



Dr. GIORGIO MANNINA
Professor, Engineering Department
Palermo University, Italy



Dr. HECTOR A. RUIZ
Professor, Biorefinery Group
Autonomous University of
Coahuila, Mexico



Dr. KUMAR SUDESH
Professor, Applied Microbiology
Universiti Sains Malaysia



Dr. VANAVIL BALAKRISHNAN
Professor, Department of Biotechnology
Kalasalangom Academy of
Research and Education



Dr. CHAKRAVARTHY
Professor, Aerospace Engineering
IIST, Thiruvananthapuram



SREE BUDDHA COLLEGE OF ENGINEERING PATOOR

International Conference on “Smart & Green Materials for Biotechnology, Biochemical and Mechanical Applications” (IC-SGMat)

On 30th November
1st & 2nd December 2023

Organised by

DEPARTMENT OF BIOTECHNOLOGY &
BIOCHEMICAL ENGINEERING
AND
DEPARTMENT OF MECHANICAL ENGINEERING



In Association with

CSIR-IMMT, Bhubaneswar
The Biotech Research Society, India (BRSI)
Kerala State Council for Science, Technology & Environment
Indian Society for Technical Education (ISTE)



ABOUT THE COLLEGE

Sree Buddha College of Engineering, Pattoor was established in the year 2002 by Sree Buddha Educational Society, Kollam, which is registered under the Travancore-Cochin Literary, Scientific and Charitable Societies Act, 1955. The college which began its stride with three B.Tech programs in 2002, now offers B.Tech program in 9 branches and M.Tech/PhD programs in six branches of Engineering and Technology. The College is affiliated to 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 is Reaccredited by NAAC for another five years since November 2019. The College is also recognized under Section 2(f) of the UGC act, 1956. 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 organised an International Conference on Sustainable Practices in Engineering & Technology (IC-SPET'23) on 14-16th June 2023. The college has become a centre of excellence catering to the needs of higher education sector in the State of Kerala.

ABOUT THE DEPARTMENTS

The Department of Biotechnology & Biochemical Engineering is a diverse and powerful faculty encompassing unique expertise in biochemical and molecular life sciences. 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, University Sains Malaysia and various other reputed institutions, department actively nurtures manpower development by offering 4-year B.Tech (Biotechnology & Biochemical Engineering), 4-year B.Tech (Food Technology), 2-year M.Tech (Biotechnology & Biochemical Engineering) and

PhD courses. Recently the department organised 2 FDPs funded by APJ Abdul Kalam Technological University.

The Department of Mechanical Engineering (ME) was started in the year 2004 with undergraduate program and started postgraduate program in Computer Integrated Manufacturing (CIM) in the academic year 2011-12. The department is an approved research centre of APJ Abdul Kalam Technological University (KTU) for the Ph.D. program. The department is accredited by NBA since November 2019. The department provides quality instruction and teaching to both UG and PG levels to prepare students to take up leading positions in academia and industry globally. Faculty of Mechanical Engineering believes in open interaction with students who are encouraged to participate in academic, research and extra-curricular activities. To perceive latest technologies and opportunities relating to Mechanical Engineering the department has entered into MOUs with major industries and research institutions in the country.

ABOUT THE CONFERENCE

The Department of Biotechnology and Biochemical Engineering & Department of Mechanical Engineering jointly organising an International Conference on "Smart & Green Materials for Biotechnology, Biochemical and Mechanical Applications" on 30th November, 1st and 2nd December 2023 at Sree Buddha College of Engineering, Pattoor, Kerala, India. The intent of organizing the international conference is to provide tremendous opportunities to academicians, researchers, and practicing engineers to share the 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 definitely be a platform for knowledge sharing and getting acquainted with latest developments in the emerging technologies in diverse areas of advanced material science.

CONFERENCE THEME

FOCAL THEME

"SMART & GREEN MATERIALS FOR BIOTECHNOLOGY, BIOCHEMICAL AND MECHANICAL APPLICATIONS".

SUB THEMES

- Biomaterials and Medical Devices
- Energy and Composite Materials
- Ceramic and Glass Science Engineering
- Polymer and Surface Science Technology
- Computational Materials Science
- Graphene and 2D Materials Technology
- Green Technologies
- Electronic, Photonic, and Magnetic Materials
- Bioinspired Materials and Systems
- Nanomaterials and Nanotechnology
- Membrane Technology
- Drug Delivery
- Biomaterials in Food & Agriculture

CALL FOR PAPER

IMPORTANT DATES

Full paper submission - 30/09/2023 Onwards

Last date for submission of full paper - 15/11/2023

Notification on full paper acceptance - 16/11/2023

Last date for registration - 16/11/2023

All accepted/selected papers will be published in *IOP Conference Proceedings/ Emergent Materials (Publisher Springer-Scopus & ESCI)/ Conference proceedings with ISBN number.

REGISTRATION

| CATEGORY | REGISTRATION FEE | |
|----------------------------|------------------|---------------------|
| | Indian (Rs.) | International (USD) |
| Student | 2500 | 50 |
| Faculty & Research Scholar | 3000 | 60 |
| Industry | 3500 | 80 |
| Participants | 1000 | 20 |

CONTACT



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