

## ABOUT THE COLLEGE

Sri Shakthi Institute of Engineering and Technology (SIET) was established in the year 2006. SIET, an Autonomous institution, is approved by All India Council for Technical Education, New Delhi, and is affiliated to Anna University, Chennai. The institution is accredited by NAAC with "A" grade. Eight departments BME, BT, ECE, EEE, CSE, IT, Mechanical Engineering and Agricultural Engineering are NBA accredited. SIET was founded by Dr S Thangavelu, an academician with 28 years of experience in TNAU, with the motto of "Powering the Youth; Empowering the Nation".

The Institution currently offers 13 UG programs, 5 PG programs and five Ph.D. programs. The institute has bagged research projects totaling about Rs 200 Lakhs from major government funding agencies including FST-SERB, DST-NRDMS, DAE- BRNS, etc. In a short span of 17 years, the institute has accomplished excellence in education and research and aims to be leading university that would be the dream destination for engineering students.

## ABOUT THE DEPARTMENT

Department of Biomedical Engineering was started in 2016, the department brings together the skills from both basic medical sciences and advanced engineering, in order to solve problems in clinical health care. Our primary focus is to faster industry-oriented education and interdisciplinary research through collaboration with leading hospitals, research and Diagnostic centre. Our 2023 batch UG students project has received a grant of Rs 4 lakhs in HACK & Reboot 2.0 at IIT, Kanpur Outreach Centre, Noida, 2020 batch UG students project received Rs 25 lakhs grant from DST through IICDC contest, same year a TNSCST project grant for UG project was received and proved to be winners of Buoyancy contest 2020 with cash prize of Rs 25000.

## ABOUT THE CONFERENCE

The fourth International Conference on Clinical Diagnosis and Biomedical Devices ICCDBD 2023 (formerly referred as ICCDBD 2022) will be held during November 16-17, 2023 at Sri Shakthi Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India. This conference aims to attract global participants to share their knowledge and explore the realm of Biomedical Engineering. This forum will discuss various approaches to biological and medical problems ranging from software modeling to healthcare, bioinformatics including biomechanics and computational bio imaging and will provide a unique look at how various techniques can offer solutions in modeling, pattern recognition, clustering, and other problems particular to the medical field.

This conference is expected to create a platform of discussion between scientists and engineers and will promote quality research and real-world impact in the field of Biomedical Engineering. The invitation is open for all academicians, research scholars, Post-Docs, PG and UG students, to discuss the latest developments and innovations in the field of Clinical diagnosis, artificial intelligence and device design in Biomedical Engineering.

## REGISTRATION FEE

Participant	Indian Nationals In ₹	Other Nationals In US\$
Students (UG/PG)	Rs.3000/-	40
Faculty members & Research persons	Rs.4000/-	50
Industrial persons and scientists	Rs.5000/-	70



## DEPARTMENT OF BIOMEDICAL ENGINEERING

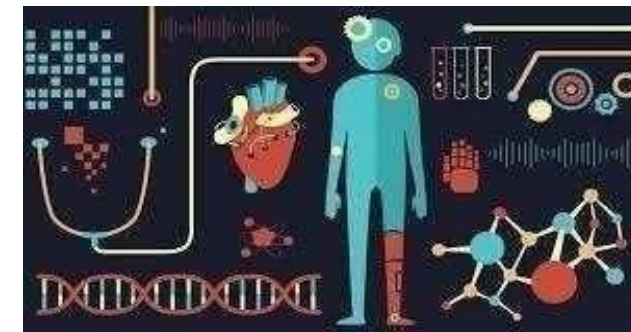


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Two days



## INTERNATIONAL CONFERENCE ON CLINICAL DIAGNOSIS AND BIOMEDICAL DEVICES ICCDBD 2023

On November 16 and 17, 2023



For further details visit,  
<http://www.iccdbd.in/> or contact us on  
8675303639 (or) 9600324677. You can  
scan the below QR code to visit website



## CALL FOR PAPERS ON TOPICS:

Papers are invited on the topics but not limited to

- Artificial intelligence and robotics
- Bio-informatics and computational biology
- Biomedical device design
- Biomaterials
- Biomechanics
- Biomedical Instrumentation
- Digital Bio image and Video Processing
- Computer Vision and Image Analysis
- Wireless Sensor Networks and power transmission in Biomedical devices
- Bio embedded systems and Technology
- Bio-CMOS VLSI technology
- Expert Systems and Artificial intelligence Techniques
- CI for molecular modeling
- AI and CI in healthcare
- CI in disease diagnosis and treatment
- CI in biomechanics and drug design
- CI in biomedical signal processing
- Brain computer interface
- Nano biosensors

## PAPER SUBMISSION AND PUBLICATION

Authors are invited to submit their work in accordance with conference template provided in website on or before September 2023. All accepted papers will be published on Scopus indexed/ SCI/ SCIE/ ANNEXURE-I/ UGC Care Journals. Proceedings shall be given to all authors.

## ACCOMODATION

Accommodation can be arranged at an additional cost.

## REGISTRATION PROCESS

Paper shall be registered only after paying registration amount.

## ADVISORY COMMITTEE

Mr. Amaladoss Anburaj, Senior Scientist, School of Applied Science, Temasek Polytechnic, Singapore.

Mr. Siva, Senior Technical Support Engineer – Lab Diagnostic, Gulf Corporation for Technology, Bahrain.

Dr. G. Kalaiarasi, Assistant professor, Department of Advanced Computer Science and Engineering, Vignan's Foundation for Science, Technology & Research (Deemed to be University), Guntur, Andrapradesh.

Dr. R T Rajendra Kumar, Professor, Department of Nanoscience and Technology, Bharathiyar University, Coimbatore.

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Boopathi Sathivel, CEO & Founder, Prashan Medical Technologies, Coimbatore.

## PEER REVIEWING COMMITTEE

Dr. L. Ashok Kumar, Professor, Department of EEE, PSG College of technology, Coimbatore.

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Dr. Sanjeev Kubakadi, CEO and founder, Itie Knowledge solutions, Bangalore.

Er. Muhammadu Sathik Raja. M. S , HR and CRO, Medingers Healthcare Solutions, Erode.

## IMPORTANT DATES

Last date for full Paper Submission	September15, 2023
Notification of Acceptance	September20, 2023
Commencement of Conference Registration	September20, 2023
Conference Registration Deadline	October1,2023
Last date for payment	October31,2023

## ORGANIZING COMMITTEE

### CHIEF PATRON

Dr. S Thangavelu, Founder & Chairman

### PATRONS

Er. T Deepan, Secretary, SIET

Mr. T Sheelan, Joint Secretary, SIET

Dr A R Ravikumar, Principal, SIET

### CONVENOR/ ORGANIZING CHAIR

Dr. R V Shalini, HOD/BME, SIET

### ORGANIZING SECRETARY

Mrs. R Abiramee, AP/BME

### COORDINATORS

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Ms. P Divya Jenifar, AP/BME

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### FOR FURTHER DETAILS AND REGISTRATION

VISIT US [www.iccdbd.in](http://www.iccdbd.in)

SEND YOUR PAPERS TO :

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