

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 institute is accredited by NAAC with "A" grade. Six departments 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 institute currently offers 12 UG programs, 5 PG programs and five Ph.D. programs. The institute has bagged research projects totalling about Rs 200 Lakhs from major government funding agencies including FST-SERB, DST- NRDMS, DAE-BRNS, etc. In a short span of 16 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 healthcare. Our primary focus is to faster industry-oriented education and interdisciplinary research through collaboration with leading hospitals, research centre and diagnostic centre. Our UG students batch has received a grant of Rs 25 lakhs from DST during 2020 IICDC contest, received TANSOST project grant for Undergraduate projects and also received grant from buoyancy .

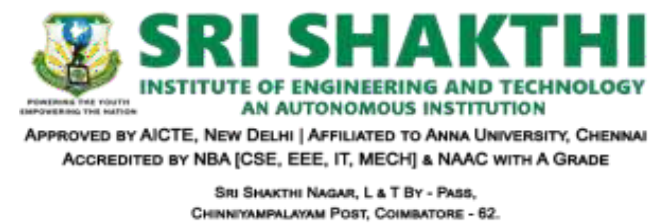
ABOUT THE CONFERENCE

The third International Conference on Clinical Diagnosis and Biomedical Devices ICCDBD 2022 (formerly referred as International Conference on Computational Intelligence and Device Design in Biomedical Engineering ICCBME 2021) will be held during November 11-12, 2022 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 modelling to healthcare, bioinformatics including biomechanics and computational bioimaging and will provide a unique look at how various techniques can offer solutions in modelling, 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
in Association with
BIOMEDICAL ENGINEERING SOCIETY OF INDIA



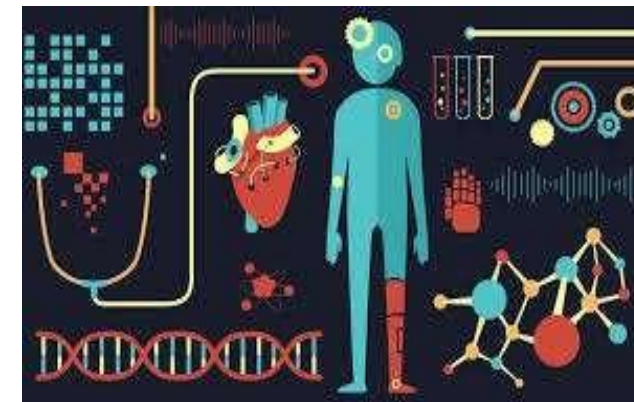
Proudly Organizes

Two days



INTERNATIONAL CONFERENCE ON
CLINICAL DIAGNOSIS AND
BIOMEDICAL DEVICES
ICCDBD 2022

On November 11 and 12, 2022



<http://www.iccbme.in/>

CONTACT US : 8675303639 (or)
9994028706

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 Bioimage and Video Processing
- Computer Vision and Image Analysis
- Wireless Sensor Networks and power transmission in Biomedical devices
- Bioembedded systems and Technology
- Bio-CMOS VLSI technology
- Expert Systems and Artificial intelligence Techniques
- CI for molecular modelling
- 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
- Nanobiosensors

PAPER SUBMISSION AND PUBLICATION

Authors are invited to submit their work in accordance with conference template provided in website on or before September 2022. All accepted papers will be published on Scopus indexed/SCI/SCIE/ANNEXURE-I/UGCCare Journals

1. TRANSSTELLAR Journal publication and Research.

2. IOP-Journal of Physics

3. Springer - Biomedical Engineering online

ACCOMODATION

Accommodation can be arranged at an additional cost.

ACCOUNT DETAILS :

Registration amount will be paid after the acceptance of individual papers.

INTERNATIONAL COMMITTEE

Naveed Bilaal, Bio medical Scientist at International Technical Legacy Qatar ,Doha

ADVISORY COMMITTEE

Dr. R. Periyasami, Assistant Professor, Department of Instrumentation and Control Engineering, NIT, Tiruchirapalli

Dr. N. Srimaam, Professor & Head, Department of Medical Electronics, Ramaiah Institute of Technology, Bangalore.

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Dr. D. Ashok Kumar, Associate Professor, Department of Biomedical Engineering, SRM Institute of Science and Technology, Chennai.

Dr. Anima Nanda, Professor, and Dean, Department of Biomedical Engineering, Sathyabama Institute of Science and Technology, Chennai.

Dr. R. Malathi, Director & Head, Division of Telemedicine and Biomedical Engineering, Annamalai University, Chidambaram.

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Dr. Jemimma, Technical Administrator, Orbito Asia diagnostics & research center, Coimbatore

PEER REVIEWING COMMITTEE

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Dr. P. Manimegalai, Associate Professor, Biomedical Engineering, Karunya University.

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

Dr. R. Vanithamani, Professor, Department of Biomedical Instrumentation Engineering, Avinashilingam institute for Home science and Higher education for Women.

IMPORTANT DATES

Last date for full Paper Submission	September 15, 2022
Notification of Acceptance	September 20, 2022
Commencement of Conference Registration	September 20, 2022
Conference Registration Deadline	October 1, 2022
Last date for payment	October 2, 2022

ORGANIZING COMMITTEE

CHIEF PATRON

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Mr. T. Sheelan, Joint Secretary, SIET

Dr. A. R. Ravikumar, Principal, SIET

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ORGANIZING SECRETARY

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Ms. R. Keerthana, AP/BME

Ms. S. Anitha, AP/BME

FOR FURTHER DETAILS AND REGISTRATION

VISIT US AT: www.iccbme.in

SEND YOUR PAPERS TO :

iccbd2022@gmail.com