

About the Conference

Biomedical electronics is referred as the development and study of electronic devices that act as a bridge between biological signals and functions and those of conventional electronic processing systems. Biomedical electronic systems can be used in living systems to selectively sense, record, and monitor various signals and physiological states, as well as to convert relevant parameters into electronic readout for further processing and decision making. This International Conference on Biomedical Electronic Systems and NanoDevices [ICBSN 2022] will be dedicated to highlight the field of biomedical electronic devices. The main purpose of ICBSN 2022 is to bring together researchers and practitioners from electronics and related areas who are interested in developing, studying and using innovative devices and systems inspired by biological systems and addressing the emerging biomedical requirements.

About the College

Shree Venkateshwara Hi-tech Engineering College (SVHEC) is approved by AICTE and Affiliated to Anna University, Tamil Nadu. The Institution provides various facilities for successful implementation of curriculum to meet the vision, mission, objectives and goals. The Institution follows the curriculum and syllabi provided by the Anna University and Curriculum implementation is effectively planned based on periodic meeting conducted by the principal with all the head of the departments. For effective translation of the curriculum, faculties are encouraged to participate in Faculty Development Programme, workshops and seminars conducted by various institutions and corporate. The Institution invites experts from industry and reputed Institutions for organizing different skill development training programme for the benefit of students and faculty.

Call for Paper

BIOMEDICAL ELECTRONICS

- ◆ Biocomponents and nanosystems
- ◆ Nanobiosystems simulation
- ◆ Digital analysis of biomedical signals
- ◆ Signal processing in electronic systems
- ◆ In vivo integration of soft, flexible and biodegradable electronics
- ◆ Imaging and visualization devices
- ◆ Biomedical equipment & instrumentation
- ◆ Biorobotics
- ◆ Biosensors
- ◆ Design, development and simulation of nanobiosystems
- ◆ Nanostructures and nanotechnology in biomedical electronics
- ◆ Biomedical electronic systems for monitoring, diagnostics and treatment
- ◆ Wearable and mobile devices
- ◆ Lab on a chip and microfluidic devices

NANO DEVICES

- ◆ Nano structures and nano technology in biomedical systems
- ◆ Nanomedicine and nano robotics
- ◆ Nanomaterials, nanodevices: fabrication, characterization and application
- ◆ Nanomedical applications: drug delivery, and tissue engineering
- ◆ Nanocomputing and computational nanotechnology
- ◆ Next generation nano-scale technologies
- ◆ Self-assembled nanostructured systems
- ◆ Nanocrystals and biomaterials
- ◆ Green nanotechnology
- ◆ Nanotechnology standardization
- ◆ Naodevices for imaging, measuring, displaying, and controlling
- ◆ Pharmaceutical nanotechnology

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Dr. P. Karuppusamy,

Professor and Head,
Department of EEE,
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Submission Guidelines

send full manuscripts via,

email: icbsn.confdesk@gmail.com

Registration Fee Details

Indian Author: 10500 INR
Indian Listener: 7000 INR
Foreign Author: 150 USD
Foreign Listener: 100 USD

Venue

Shree Venkateshwara Hi-Tech Engineering College,
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IOPscience

International Conference on Biomedical Electronic Systems and NanoDevices ICBSN 2022

On

25-26, July 2022

Organized by

***Shree Venkateshwara Hi-Tech
Engineering College
Erode, India.***



All registered and presented papers will be
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