

**REGISTRATION FORM**  
CSIR SPONSORED  
NATIONAL LEVEL CONFERENCE  
ON  
“CURRENT AND FUTURE CHALLENGES  
IN POINT-OF-CARE TECHNOLOGIES: A  
PARADIGM-SHIFT IN AFFORDABLE  
GLOBAL HEALTHCARE WITH  
PERSONALIZED AND PREVENTIVE  
MEDICINE”(POCT’20)  
21.03.2020

1. Name :
2. Designation :
3. Academic Qualification :
4. Department :
5. Institution :
6. Address :
  
7. Mobile :
8. E-mail ID :
9. Accommodation Required : YES/NO

**Payment Details**

10. DD No & Date :
11. Amount :
12. Bank & Branch :

**DECLARATION**

The above information is true to the best of my knowledge. I agree to abide by rules and regulations governing the course. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the coordinator in case I am unable to attend the course.

Date:

Place: Signature of the Participants

**ORGANIZING COMMITTEE**  
**CHIEF PATRON**

**Thiru. S. S. Kandasamy,**  
President, Vellalar Educational Trust.

**PATRON**

**Thiru. S. D. Chandrasekar,**  
Secretary, Vellalar Educational Trust.

**PRESIDENT**

**Dr. M. Jayaraman,** Principal,  
Velalar College of Engineering and Technology.

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Dean (Academics).

**Prof. P. Jayachandar,**  
Dean (Student Affairs).

**CONVENER**

**Dr. S. Mangai,** Professor & Head/BME.

**COORDINATORS**

**Ms. M. Menagadevi,**  
AP(Sr.Gr)/ BME

**Ms. T. Yamunarani,**  
AP(Sr.Gr)/ BME

**Ms. S. S. Maheshwari,**  
AP(Sr.Gr)/ BME

**ADDRESS FOR COMMUNICATION**

**Dr. S. Mangai,**  
**Professor & Head,**  
**Department of Biomedical Engineering,**  
**Velalar College of Engineering and Technology,**  
**Thindal(po), Erode - 638 012, Tamil Nadu.**  
**Mobile no: 9942953419, 9600557356**

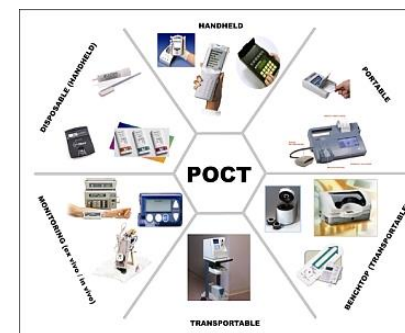


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Organized by

**DEPARTMENT OF BIOMEDICAL  
ENGINEERING**

(Accredited by NBA, New Delhi)

**VELALAR COLLEGE OF ENGINEERING  
AND TECHNOLOGY (Autonomous)**

(Accredited by NAAC with 'A' Grade)

Phone: 0424-2244201 to 204 and 206

Email: [vcetcsir@gmail.com](mailto:vcetcsir@gmail.com)

Website: [www.velalarengg.ac.in](http://www.velalarengg.ac.in)

Thindal(po), Erode - 638012, Tamil Nadu.

## ABOUT THE INSTITUTION

Velalar College of Engineering and Technology is a self-financing co-educational autonomous institution established in the year 2001 with all the necessary infrastructural facilities provided by Vellalar Educational Trust that ably governs the institution. The college is approved by AICTE, affiliated to Anna University, Chennai and accredited with 'A' Grade by NAAC. The BE/BTech programmes of BME, ECE, EEE, CSE, & IT have been accredited by NBA. The institution has completed 18 years of dedicated and excellent service in the field of technical education. The institution offers eight UG Programme (BME, Civil Engg., CSE, ECE, EEE, IT, Mech. Engg & Medical Electronics) and six PG (M.E - CSE, Embedded System Technologies, Applied Electronics, VLSI Design, MBA & MCA) programmes. There are five Anna University approved research centers in the departments of ECE, EEE, CSE, Physics and Chemistry.

## ABOUT THE DEPARTMENT

The Department of Biomedical Engineering was established in the year 2005 with undergraduate programme in Biomedical Engineering.

The Department is well equipped with laboratories such as Biochemistry Lab, Physiology Lab, Pathology Lab, Diagnostic and Therapeutic Equipment Lab, Biomedical Instrumentation Lab, Devices & ICs Lab, Signal and Image Processing Lab. The department has received funds from AICTE for Modernization of Biomedical Instrumentation Laboratory. The department has also received funds from ICMR, CSIR, TNSCST, DST and Anna University. The students of the department have received various awards like Best Project and Paper Award.

## ABOUT THE CONFERENCE

Point-of-care testing (POCT) is essential for the rapid detection of analytes near to the patient, which facilitates better disease diagnosis, monitoring, and management. It enables quick medical decisions, as the diseases can be diagnosed at a very early stage, leading to improved health outcomes for patients by enabling the early start of treatment, POCT provides actionable information at the site of care to allow rapid clinical decision-making. With healthcare emphasis shifting toward precision medicine, population health, and chronic disease management, the potential impact of POCT continues to grow, and several prominent POCT trends have emerged or strengthened in the last decade.

## CALL FOR PAPERS

We invite papers from Students, Academicians Research Scholars and Industrial Persons in the following areas

- Medical Imaging
- Nanotechnology in Medicine
- Biosensor/Environmental Sensors
- Wearable/Implantable Technology
- Medical Instrumentation
- Microphysiological Systems
- Tissue- or Organ-on-chip platforms
- Omics Technologies
- RNA/DNA Detection
- Data Integration, Predictive Analytics, EHR Interoperability and Aggregators
- Artificial Intelligence, Machine Learning Applications
- Diagnostics Multiplexing
- Systems Engineering

Experts from various reputed institutions, industries and doctors from hospitals and medical institutions will provide wealth of information and exchange ideas

## SUBMISSION GUIDELINES

Prospective authors are invited to submit original research and survey manuscripts in IEEE format limited to 6 pages to the email id **vcetcsir@gmail.com** (word and pdf format). Plagiarism should be avoided strictly. The submitted manuscripts will undergo peer review process evaluated based on originality, innovations and relevance to the conference. The accepted full papers will be published in conference proceedings.

## REGISTRATION FEE DETAILS

- Registration Fee: Rs.200/- per participant.
- The Registration fee may be paid by Demand Draft in favor of, **Velalar College of Engineering and Technology**, payable at **Erode**.

Registration fee includes Conference Proceedings, Conference Certificate, Conference Kit, Lunch and Refreshments.

## IMPORTANT DATES

Last Date for Manuscript Submission: 07.03.2020

Notification of acceptance: 09.03.2020

Registration form with DD: 10.03.2020

## BOARDING AND LODGING

Accommodation and boarding if required will be provided in the college campus on first-come-first served basis.

## LOCATION

The college is situated at Thindal on the State Highways (SH-96) about 90 km from Coimbatore and 8 km from Erode Bus stand and Railway Station.