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ON

“MOLECULAR DIAGNOSTICS IN PERSONALIZED MEDICINE” NCMDPM – 2018

June 15, 2018

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INDIAN
COUNCIL OF
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Organizing Secretary

Dr. S. Mangai, Professor & Head / BME

Convener

Mr. S. Vigneshwaran, Assistant Professor / BME

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: ncmdpm@gmail.com

Website: www.velalarengg.ac.in

Thindal, 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 16 years of dedicated and excellent service in the field of technical education. The institution offers seven UG Programme (BME, Civil Engg., CSE, ECE, EEE, IT, & Mech. Engg.) and six PG (M.E - CSE, Embedded System Technologies, Applied Electronics, VLSI Design, MBA & MCA) programmes. There are six Anna University approved research centers in the departments of ECE, EEE, CSE, Management Studies, 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, TNSCST, Anna University. The students of the department have received various awards like Best Project Award, Best Paper Award etc.

ABOUT THE CONFERENCE

This conference will go a long way in enriching the knowledge and inspiring the young minds to develop interest in molecular research for diagnostics in personalized medicine.

Molecular diagnostic tests detect specific sequences of DNA or RNA that may be associated with disease, including single nucleotide polymorphism (SNP), deletions, rearrangements, insertions and others.

Clinical applications can be found in six general areas: infectious diseases; oncology, pharmacogenomics, genetic disease screening, human leukocyte antigen typing and coagulation derangement.

CALL FOR PAPERS

We invite papers from Students, Academicians and Research Scholars in the following areas, but not limited to :

- 1.Molecular Biology and Enzymology
- 2.Pharmacology and Drug Designing
- 3.Molecular Pathology
- 4.Pathology and Molecular Medicine
- 5.Microbiology and Microbial Genetics
- 6.Evolutionary Genetics
- 7.Genetic Engineering
- 8.Cell and Structural Biology
- 9.Structural Bioinformatics and Proteomics
- 10.Nuclear Medicine
- 11.Cell and Gene Therapy
- 12.Translational Medicine

KEYNOTE SPEAKERS

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

SUBMISSION GUIDELINES

Prospective authors are invited to submit original research and survey manuscripts in IEEE format limited to 6 pages to the email id **ncmdpm@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. Selected best papers would be recommended for publications in **International Journal of Intelligent Systems and Innovation in Engineering and Technology. (IJISIET)**

REGISTRATION FEE

- UG / PG Students - Rs.400/- (per head)
- Academicians/Research scholars -Rs.600/-
- Industry participant- Rs.1000/-

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 :May 10, 2018

-Notification of acceptance : May 15, 2018

-Registration form with DD: June 6, 2018

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.