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INVITED SPEAKERS

Dr. J. Sivaraman, Assistant Professor,
Biotechnology and Medical Engineering,
National Institute of Technology, Rourkela, India

Dr. T. Jayasree, Assistant Professor,
Electronics and Communication Engineering,
Anna University, Chennai, India

Dr. U. Snehalatha, Associate Professor,
Biomedical Engineering
SRM Institute of Science & Technology, India

CONVENER

Dr. R. Vasuki,
Professor and Head, Department of Biomedical
Engineering, BIST



Presents

NCRABE '20

December 03, 2020

**12TH NATIONAL WEB
CONFERENCE ON RECENT
ADVANCEMENTS IN
BIOMEDICAL ENGINEERING**



Organized by

**Department of Biomedical Engineering
Bharath Institute of Higher
Education and Research**

Selaipur, Chennai, Tamil Nadu – 600073.

Phone : 044 – 2229 0125

All are E-welcome

<https://www.bharathuniv.ac.in/>

ABOUT THE INSTITUTION

Bharath Institute of Science and Technology (BIST) was the first self financing Engineering College established in Tamil Nadu in 1984. On the recommendation of University Grants Commission (UGC), Bharath Institute of Higher Education and Research (BIHER) was declared as deemed to be university by Ministry of Human Resource and Development (MHRD), Government of India, in the year 2003. Bharath Institute of Science and Technology (BIST), a constitute college of BIHER conducts various Academic and Research Programmes in Engineering & Technology, Architecture and Management studies. BIST has a state of art facilities for Undergraduate, Postgraduate and Research Programmes. The students of BIST spread all over the globe, excelling themselves in their own domains. BIHER has accredited with "A" grade by National Assessment and Accreditation Council (NAAC), India and Ranked as No. 2 for Outreach and Inclusivity in India.

ABOUT THE DEPARTMENT

The Department of Biomedical Engineering was started in the year 2003. It combines the design and problems solving skills of Engineering with Medical and Biological sciences to improve Healthcare Diagnosis, Monitoring and Therapy. Much of the work in Biomedical Engineering consists of Research and Development, spanning a broad array of subfields such as Biomechanics, Medical Imaging, Bio-MEMS and Nanotechnology.

ABOUT THE CONFERENCE

Biomedical Engineering is the application of Engineering principles and techniques to the Medical field. The field seeks to bridge the gap between Engineering and Medicine. The National E-conference is aimed to expose the recent advancements in the field of Biomedical Engineering. This would include the applications and development of Biomaterials in Medicine, the recent techniques in Medical Imaging, various Diagnostic and Therapeutic Medical Devices ranging from Clinical Equipment to micro and nano implants.

Conference Research Areas

- ❖ Biomedical Instrumentation
- ❖ Biomaterials & Prosthetic design
- ❖ Nanotechnology and MEMS
- ❖ Robotics in Medicine
- ❖ Signal and Image Processing
- ❖ Rehabilitation Engineering
- ❖ Telemedicine
- ❖ Drug Delivery
- ❖ AI & IoT
- ❖ Soft Computing and Cloud Computing

GUIDELINES

Paper submission must be of original work and not published or presented anywhere. Accepted papers should be presented by minimum one of the authors in the Conference. Authors are requested to submit the soft copy of their full paper through **email: bme.research@bharathuniv.ac.in** in IEEE two column format (Max 6 pages, Font: Times New Roman, Max 4 authors) as word document and PDF.

REGISTRATION

No Registration Fee

For Registration (participation) please follow the link given below:

<https://forms.gle/LhCM9yVhHc2d7Axs8>

Registration Deadline: 30/11/2020

IMPORTANT DATES

Abstract Submission : 08/11/2020

Acceptance notification : 12/11/2020

Full Paper Submission : 26/11/2020

The selected papers will be published in Scopus Indexed Journals

ORGANIZING SECRETARIES

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