

Registration Details

Events	Date
Last date for manuscript submission	27-02-2021
Notification of manuscript acceptance	05-03-2021
Registration starts on	01-03-2021
Revised version of manuscript submission	10-03-2021
Last date for Registration	16-04-2021
Conference dates	22 & 23 April 2021

Deadline	Industrial Delegates	Academicians	Research Scholars/PG Students	Overseas Delegates	Listeners/Accompanying Person
On-Time Registration	Rs.7500	Rs.7500	Rs.7000	US\$ 250	Rs.2000
Late Registration	Rs.8000	Rs.8000	Rs.7500	US\$ 300	Rs.2000

★ Note: Registration fee includes Scopus Publication. No Additional fees will be charged

Call for Papers

Papers on original research work are invited on topics related to the title of the conference from researchers, professionals, industrialists, and academicians. Full paper in English (MS-Word, Times New Roman 12, double spaced, A4 size) covering the objectives of the paper, methodology adopted, major findings and conclusions has to be sent on or before 27th February, 2021 to icnadbe2021@gmail.com. Author(s) affiliation, address for communication, e-mail addresses, and phone/fax numbers are to be included. At least one author of the paper should register for the conference.

Scopus Indexed Publications

Selected papers with registration fee receipt will only be entertained for presentation and publication. Papers presented in conference will be published in IoP-Journal of Physics-Conference Series (Scopus Indexed).

Evaluation Process

Selection is based on peer review by eminent experts in the respective fields.

Originality

Significance

Contribution to the area of research

Technical quality

Registration Link



<https://qr.go.page.link/jgk63>

Contact Us

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Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

A CHRISTIAN MINORITY RESIDENTIAL INSTITUTION

AICTE Approved & NAAC Accredited

ICNADBE - 2021

1st International Virtual Conference on Novel Approaches and Developments in Biomedical Engineering



22 & 23 April 2021

Organized by:

**Department of Biomedical Engineering
Karunya Institute of Technology and Sciences,
Coimbatore - 641 114, Tamil Nadu, India**

About Karunya University



Karunya University was founded with the noble vision to raise professionals and leaders of high academic caliber and unblemished character, nurtured with a strong motivation and commitment to serve humanity. The Karunya University was started as a private self-financing engineering college on 4th Oct. 1986. In 2004, the institute was awarded the deemed to be university status in recognition of its academic excellence by the ministry of human resources development, Government of India and subsequently renames as Karunya University under section-3 of the UGC Act, 1956 vide notification No. 9-3-200-U3 of the Government of India.

Karunya University completed its 33th years of service in higher education with specific focus on Engineering and Technology. In a nutshell, Karunya is a co-educational, fully residential, technological university imparting holistic education to develop the body, mind and spirit of the students.

Conference Theme

Track - 1

- Signal Processing
- Speech and audio signal Processing
- Neuro Engineering
- Bio signal Processing

Track - 5

- Healthcare Security
- Cyber security
- Block Chain Technology
- Public health monitoring system
- Image encryption

Track - 6

- Advancements in Robotics
- Humanoid
- Computational Intelligence
- Robotics in Healthcare
- Bionics and Biomimetics

Track - 2

- Image Processing
- Pattern Recognition
- Machine/ robot Vision
- Medical Image Processing

Track - 7

- Big data in Healthcare
- Medical Equipment and drug monitoring management
- Medical waste information management
- Fighting pharmaceutical errors
- Data security
- Diagnosing and detecting disease using Machine learning and Deep learning
- Medical IOT
- IOT and vaccines

Track - 3

- Computational Biology
- Data Analytics
- Pharmacokinetics
- Bioinformatics
- Genomics
- Biomechanics
- Quantum and Membrane Computing
- Hybrid biological Systems

Track - 4

- Biomedical and Health Infomatics
- Diagnostic devices
- Therapeutic devices
- Assist technologies
- Rehabilitation devices
- MEMS and Nano Devices
- Personalized Health Systems
- Patient Safety system
- Smarter Healthcare systems
- Intensive Monitoring Technologies
- Ergonomics

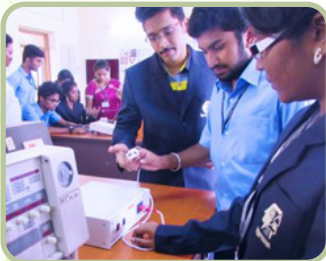
Track - 8

- Artificial Intelligence
- Genetic Algorithms
- Medical waste information management
- Cognitive Science
- AI in medical field
- Neuroscience

About Department of Biomedical Engineering

Biomedical Engineering is a multidisciplinary field that blends medical science and engineering. This discipline encompasses the profound knowledge of medical principles in the realm of engineering design. The department of Biomedical Engineering was established in the year 2009 and offer B.Tech & M.Tech Biomedical Engineering courses.

Our curriculum is carefully designed to ensure that the students develop a strong base in biomedical engineering and also to familiarise them with other engineering disciplines which could equip them to work on a multidisciplinary innovative platform



About the Conference

This conference aims to bring together eminent scientists, scholars, research fellow, students, biomedical industry professionals, members of associations, policy makers and academic professionals from different countries across the globe to exchange and share their experiences and research results on all aspects of Biomedical Engineering. The conference aims to empower future generations in different fields of Biomedical Engineering to explore exciting research outcomes that lie in tune with the objectives and theme of this exciting event. It further helps you enhance your understanding of commercial, scientific and regulatory issues that affect strategic decision making in the biomedical sector. Each track will witness technical talks by eminent personalities from across the nation to ignite creative thinking and kindle research solutions.

All submitted abstracts/ papers / posters will go through a blind peer review process and accepted manuscripts will be published in IOP- Journal of Physics.

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Virtual Conference on
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and Developments
in
Biomedical Engineering

Keynote Speakers

Dr. Diogo Miguel Franco dos Santos

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Department of Chemical Engineering,
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