

REGISTRATION FORM



**Kongunadu College of Engineering and
Technology
(Autonomous)
Five Days FDP**

on

**Transforming Tomorrow: Unleashing the Power
of Machine Learning and Cutting-edge Signal &
Image Processing for Healthcare**

Name :

Designation :

Department :

Organization :

Contact Address :

Contact No :

E-Mail ID :

DD DETAILS

Name of the Bank :

DD No. :

Signature of the Applicant

**Signature of
Head of Institution with Office seal
Online registration is available in the
College website: www.kongunadu.ac.in**

CHIEF PATRON

Dr. PSK. R.Periaswamy,
Chairman,
Kongunadu Institutions.

PATRONS

Er.Kongan.K.Thangavelu,
Secretary,
Kongunadu Institutions,

Dr.PSTV. S.Thennarasu,
Treasurer,
Kongunadu Institutions,

Er.PSKP.Arunkumar,
Vice-Chairman,
Kongunadu Institutions,

Er.PSK. P.Ashokkumar,
Joint Secretary,
Kongunadu Institutions,

CO-PATRONS

Dr.R.Asokan,
Principal, KNCET.

Dr.J.Yogapriya,
Dean (R&D), KNCET.

Dr.J.Preetha,
Dean (Academic & IQAC), KNCET.

CONVENER

Mr.T.Ashok,HoD/BME, KNCET.

CO-CONVENER

Dr. A.Sampath,ASP/BME, KNCET.

ORGANIZING SECRETARY

Dr.P.Elamurugan, Prof/BME, KNCET.

EXECUTIVE MEMBERS

Faculty members of Biomedical Engineering



Five Days FDP

on

**Transforming Tomorrow: Unleashing the
Power of Machine Learning and Cutting-edge
Signal & Image Processing for Healthcare**

Sponsored by
*Biomedical Engineering Society of India
(BMESI)*

26-05-2025 to 30-05-2025

Organized by
Department of Biomedical Engineering



**Kongunadu
College of Engineering and Technology
(Autonomous)**

Approved by AICTE, New Delhi,
Affiliated to Anna University, Chennai,
Accredited by NAAC,
Accredited by NBA (CSE, ECE, EEE& MECH),
Recognized by UGC with 2(f) & 12(B)
An ISO 9001:2015 certified Institutions.
Namakkal-Trichy Main Road, Thottiam,
Trichy (Dt)-621 215,
Tamilnadu.

Website: www.kongunadu.ac.in

ABOUT THE INSTITUTION

Kongunadu College of Engineering and Technology is a self-financing, Autonomous institution established in the year 2007. Approved by AICTE-New Delhi, Affiliated to Anna University-Chennai, Accredited by NBA(CSE, ECE, EEE and Mech) and NAAC, Recognized by UGC with 2(f) & 12(B) and Certified by ISO 9001:2015. The college has 9 Undergraduate Programs (ADS, AGRI, BME, Civil, CSE, ECE, EEE, IT and Mechanical Engineering) and 2 Post Graduate programs (Applied Electronics and CSE). Department of Electronics and Communication Engineering, Mechanical Engineering and Information Technology have been approved as Research Centers for doing Doctoral programmes by Anna University. Students of KNCET are groomed by the Campus to Corporate team in the areas of communication, soft skills and aptitude and life skills to achieve placements in the renowned IT, ITES, Core and Startup companies. The International Cell of the institution assists interested students to catch up abroad placements and studies. This institution has received many awards and recognition from the government and private authorities in the form research grants from AICTE, DST, MSME, Unnat Bharath Abhiyan. It has signed MoUs with Industries, Academic Institutions, Hospitals and R&D Institutions. This institution is known for its outstanding contribution to improve the education of the people by virtue of its discipline, modern infrastructure, library and faculty members

ABOUT THE DEPARTMENT

The department was established in the year 2020 with a vision to address the prevailing health sector challenges. This four-year degree programme on Biomedical engineering will nurture the young minds with fundamental knowledge of Biological Sciences such as Human Anatomy, Physiology, Pathology and Microbiology. With this the student would also gain knowledge about Electronics, Measurements and Instrumentation to Design, Analyze, Synthesize and such as X-ray, CT, MRI, PET, Ventilators, Pacemakers, Dialyzer to serve the Medical community. The students will be guided to

have periodical visits to the hospitals for bridging the gap between the class room learning and the real time issues. Prosthetic devices for the physically challenged, Therapeutic equipments to replace the conventional medicines will also be part of the learning to this stream of engineers. This department has a well-established relationship with industrial experts and physicians of different expertise to keep itself updated and live up to the expectations of the contemporary world. The infrastructure provides a very good environment for learning and developing skills in the biomedical field. The department is enriched with well-experienced faculty members and has a conducive lab environment for learning.

ABOUT THE FDP

The objective of this FDP is to enhance the knowledge, skills and teaching abilities of the faculty members in the rapidly evolving field. This FDP would be helpful platform for updating the knowledge in the emerging areas of the Machine Learning in Healthcare, Signal Processing & Image Processing for Healthcare, Image Processing for Healthcare, Internet of Medical Things, Quality management systems, Artificial intelligence in the Healthcare, recent advancements in the Healthcare. 80% Attendance and 60% Assessment marks will be key factor for issuing the online certificate. The tools, skills and knowledge acquired in this FDP will be helpful in educating the next generation and drive research and innovations needed for the society.

TOPICS COVERED

- Advanced concepts in Biomedical Signal Processing
- Ethics and Privacy in Healthcare AI.
- Future Trends in Healthcare Technology
- Generative AI in Healthcare.
- AI Chatbots and Virtual Health Assistants:
- Medical Imaging Modalities
- Future of robotic-assisted surgeries and post-surgery rehabilitation

IMPORTANT DATES

Last Date for Registration: 17.05.2025
Intimation of Selection : 20.05.2025

REGISTRATION FEE

Research Scholars /Faculty : Rs.250
Industrial Persons : Rs.300

The Registration fee has to be paid through Demand Draft (DD) drawn in favor of

Name : The Principal, Kongunadu
College of Engineering and
Technology

Account Number: 6098615995

IFSC : IDIB000M120

MICR NO : 620019026

Bank : Indian Bank

Branch : Meiakkalnaickenpatti

Branch Code : 01208

NOTE: .

- Selection will be on First Come First Serve basis.
- Certificate will be issued to all the participants who have attended the program with a minimum 80% attendance and a score 60% marks in final assessment.

Registration Link:

<https://forms.gle/HjUr4F3W7fEhGU1Q6>



ADDRESS FOR COMMUNICATION

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