

KTU SPONSORED

ONLINE FDP ON “EMERGING TRENDS AND DEVELOPMENTS IN BIOMEDICAL ENGINEERING”

09th to 14th August 2021

REGISTRATION FORM

Name:
Qualification:
Designation:
Institution:
Experience in years:
Research Interest:
Address:
Mobile:
E-mail:

The details furnished above are true to the best of my knowledge. If selected, I shall attend the course for the entire duration.

Place: Signature:
Date: Name :

SPONSORSHIP CERTIFICATE

Certified that Mr/Ms/Dr.....
is an employee of our institution and is hereby sponsored for attending the FDP on “Emerging trends and developments in biomedical engineering” from 09th to 14th August 2021.

Place: Name & Signature
Date: (Principal)

(Seal of the institution)



ORGANIZING COMMITTEE

President

Prof. Dr. Z. A Zoya, Principal, College of Engineering Perumon

Convenor

Prof. Dr. Bejoy Abraham (HOD-CSE)

Co-ordinators

Mrs. Remya R
Assistant Professor in CSE
Ph: 9495903496

Mrs. Deepa K Daniel
Assistant Professor in CSE
Ph: 8891174195

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**Online FDP on
“EMERGING TRENDS AND DEVELOPMENTS IN BIOMEDICAL ENGINEERING”**

9th to 14th August 2021



Sponsored by KTU

Organized by

Department of Computer Science and Engineering



COLLEGE OF ENGINEERING PERUMON

Under CAPE,
Established by Government of Kerala
Perinad P.O, Kollam, Kerala- 691601

PREFACE TO THE COURSE

The proposed FDP introduces the recent trends and innovations in the field of biomedical engineering. The multidisciplinary and diverse applications demand the study of the current research scenario and upcoming challenges and opportunities in this field. The participants will obtain deep insights into technologies in biology and medicine, biomedical image processing, applications of machine learning in biology and research areas in biomedical engineering. The FDP also lays a strong foundation for a deeper study in this area.

COURSE CONTENTS

- Technologies in Biology and Medicine
- Anatomy and Physiology for Engineers
- Biomedical sensing & Electronic System
- Medical Instruments and Devices
- Applications of Machine Learning in Biology
- Research areas in Biomedical Engineering
- Case studies

INTENDED AUDIENCE

This course is intended for faculty members from KTU-affiliated colleges. The sessions will be handled by experts from premier institutions like IIST, NIT, medical fraternity and researchers from renowned organizations.

ABOUT THE INSTITUTION

College of Engineering Perumon was established in the year 2000 under the Co-operative Academy of Professional Education (CAPE), Govt. of Kerala. Since then, the college has registered speedy progress and offers five undergraduate programmes (CSE, IT, ECE, EEE and ME) in affiliation with APJ Abdul Kalam Technological University (APJAKTU). An M.Tech programme in Computer and Information Science commenced in the academic year 2011-12. The college has attained recognition of ISO 9001:2015 certification from the Integrated Quality Certification PVT Ltd. Two UG programmes EEE and ECE got accredited by the NBA. The college has a distinctive academic stature in the arena of engineering institutions in the state.

ABOUT THE DEPARTMENT

VISION:

To emerge as a department of global stature in the field of computer science education, research and development.

MISSION:

- To equip graduates in the field of computer science with competent technical and analytical skills, innovative research capabilities and leadership potential.
- To instill graduates with integrity, discipline and ethics to work with commitment for the progress of the society.

The Department of Computer Science and Information Technology was established in the year 2000, offering four year B.Tech programmes in Computer Science and Engineering and Information Technology. M.Tech programme in Computer and Information Science commenced in the academic year 2011-12. The major strength of the department is highly qualified, dedicated

and experienced faculty with specialization in main areas of Computer Science and Information Technology. State-of-the-art facilities are available in all the labs to train the students capable of meeting the requirements of present and future.

GENERAL INSTRUCTIONS

- Registration is free.
- Scanned copy of registration form and sponsorship certificate duly filled and signed by Head of the Institution in the prescribed format should be submitted during registration.
- It is compulsory for the participants to attend all the sessions and send feedback in order to receive certificate of participation.
- Participants will be selected based on first come first serve basis and will be intimated by mail.

REGISTRATION LINK

<https://tinyurl.com/42ptj5wa>

Email: ktufdpcse21@perumonec.ac.in

QR Code



IMPORTANT DATES

Last date of registration - 06.08.2021

Intimation of selection - 07-08.2021