

**MEDFLOWER**



Adhiyamaan College of Engineering, (Autonomous)  
Hosur, Tamilnadu

Department of Biomedical Engineering



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# NEWSLETTER

(For Internal Circulation Only)



## PRINCIPAL'S MESSAGE

India is the world's third-largest monetary influence, with an 8% economy growth rate. Its youth are eager to contribute to its development and future. Expert offers opportunities for students to participate in creative tasks and develop skills. The company encourages a positive and proactive mindset, focusing on people and nature. The goal is to create a successful and happy student life in Pro, aiming to enhance the pride and eminence of the renowned institution.



## HOD'S MESSAGE

The Department of Biomedical Engineering, established in 2003-2004, aims for growth and practical exposure for students. It is an interdisciplinary department that provides ample scope for studying the Human System through electronics. The department's faculty, staff, and students work together to provide creative solutions to research and design problems. Alumni contribute to the quality of biomedical education and support the department.



## ***VISION***

To produce competent and creative Biomedical Engineers who anticipate change, communicate and work with others effectively in a globally connected society.

## ***MISSION***

- To pursue excellence in Biomedical Engineering by integrating engineering and medicine through education, research and innovation.
- To facilitate the students by introducing technologies for uplifting the society with global standards.
- To nurture students' skill and leadership qualities by inculcating ethical values.

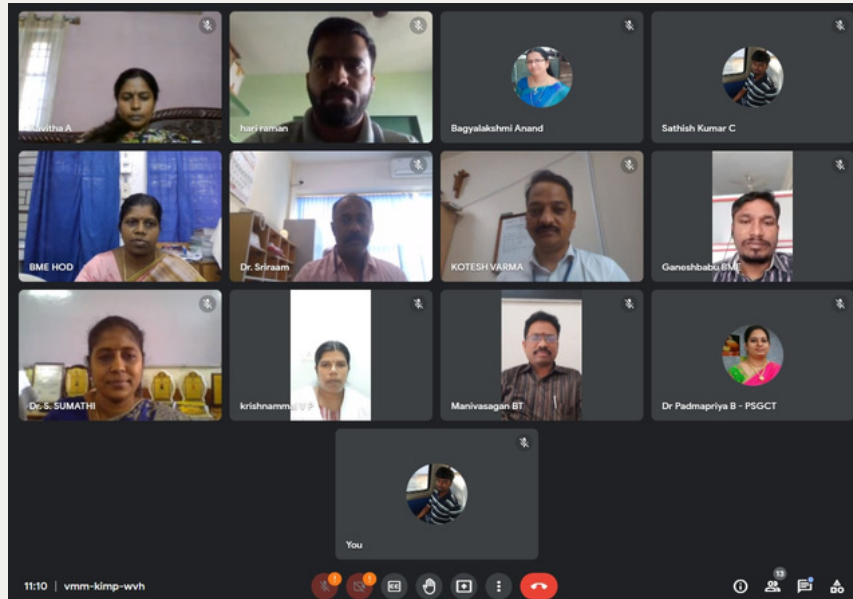
## ***PEOs***

- Our graduates will excel in healthcare sectors and/or higher education with the instilling profound knowledge in mathematical, scientific and engineering concepts.
- Our graduates will be able to analyze healthcare challenges, design and development of diagnostic, therapeutic strategies with global standards, economically feasible for the welfare of society.
- Our graduates will emerge with professionalism, ethical and social responsibilities, communication skills, team spirit and leadership as a holistic personality with life long learning attitude.

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# BOARD OF STUDIES



The department has conducted 25th Board of Studies meeting on 28.07.2022 at 10:30a.m (Online mode).

Members Present :

Internal Members:

- 1.Dr.T.S.Udhaya Suriya(Chairman / HoD-BME)
- 2.Dr.N.Bagyalakshmi, Associate Professor/BME
- 3.Dr.V.P.Krishnammal, Associate Professor/BME
- 4.Prof. P.Ganesh Babu, Assistant Professor/BME
- 5.Prof. C.Sathish Kumar, Assistant Professor/BME
- 6.Dr.S.Sumathi (HoD /ECE)
- 7.Dr. V. Manivasagan (HoD /Biotech)

External Members:

- 1.Dr.B.Padmapriya - PSG College of Technology Peelamedu, Coimbatore,
- 2.Dr.A.Kavitha- SSN College of Engineering,Chennai,
- 3.Dr.N.Sriraam - M.S.Ramaiah Institute of Technology, Bangalore,
- 4.Mr.Rodda Koteswara - St.John's Medical College Hospital,Bangalore ,
- 5.Mr. J. Hariraman - Fisher and Paykel Healthcare Company, Coimbatore.

## ***VALUE ADDED COURSE***

The Department of Biomedical Engineering conducted value added course in order to enhance and develop skills with hands on training to achieve practical knowledge.

- Dr. Padmavathi, Gynecologist, Deepam Hospitals , Chennai conducted an amazing online course for Certified Clinical Research Professionals from 17-10-2022 to 20-11-2022 .
- The session covered topics like Human Anatomy and Physiology, Dental equipment, Cardiology, Physiotherapy, and Neurology.
- The program aimed to assess knowledge, understanding, and application of clinical investigations involving humans. Students from final year got benefited from this event, and gained information's on instruments and medical equipment handling procedures.

The MoU had been signed with some of the organizations,

- ST. PETER'S MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE, HOSUR
- DEEPAM HOSPITAL, CHENNAI
- ATHEENAPANDIAN PRIVATE LIMITED, COURTALLAM



**MoU with Atheenapandian Private Limited, Courtallam**



**MoU with St. Peter's Medical College Hospital and Research Institute, Hosur**

## ***EVENTS ORGANISED***

Department of Biomedical Engineering, at Adhiyamaan College of Engineering, ACE, Hosur in association with Biomedical Engineering Society of India (BMESI) organized “WORLD HEART DAY, A seminar on Cardiac Assistive Devices” on 29th September 2022.

The inauguration started at 10.00 AM on 29.09.2022 at Civil Seminar Hall, ACE. The auspicious start of the day was begun by the Dr.B.Satish Babu, Department of Cardiology, St.Peter’s Medical College and Hospital, Hosur. The students from the department of Biomedical engineering attended and gained enough knowledge about the importance and prevention of heart problems and also had informative session on cardiological equipments.



Honoring the chief guest



# **ACADEMIC TOPPERS**

## **Final Year**



**SOUMYA V**



**SARANYA V**



**SOWMIYA P**

## **Third Year**



**SNEHA M**



**VISHALI G**



**VIDHYA M**

## **Second Year**



**ASHWINI S**



**VASIGARAN R**



**TAMILVANAN R**

## **First Year**



**DHARANIYA MKS**



**THENKANIPAAVAI S**



**SWETHA B**

## ***ACHIEVEMENTS***

### **NPTEL COURSE**

The department encourages the students to enrich their knowledge via online courses.

- IV Year Student JANANI PRIYA R P had completed the NPTEL Course on “Mathematical Aspects of Biomedical Electronics System Design”.
- II Year student Yuvasri M had completed the NPTEL Course on “Biomechanics of joints and orthopaedic Implants”.

### **Our students also excel in **Extra Curricular Activities****

- Akilesh M, Bhuvanesh Kumar B, Uthaya E, III Year

Secured first position in Chennai Institute of Technology for project presentation, Chennai.

- Suriya V III Year

Secured fifth position in Siddharth Trophy, Body Building Competition and Men Physique 2022, Mathigiri.

- Cyril J IV Year

Participated in football men event and secured runners position in the annual national sports fest 2022 at PES University, Bangalore.

# PHOTO GALLERY



# ***SALIENT FEATURES***

- 1) Well-Equipped Laboratories with AICTE Funding.
- 2) Experienced Faculties.
- 3) Outcome Based Education (OBE) is Implemented.
- 4) MoUs with renowned Industries and Hospitals.
- 5) Practical Oriented Teaching and Learning .
- 6) Training for Placement and Higher studies.
- 7) Excellent record of Placement and Higher studies.
- 8) Industry attachment Program and Internship.
- 9) Hospital Training has been carried out in Academics.
- 10) Workshops/Seminars by Industry Experts.
- 11) Financial support for Students Innovation.

## ***EDITORS :***

Dr. N. Bagyalakshmi, Associate Professor

Mr. P. Ganesh Babu , Assistant Professor