

# MEDFLOWER



Adhiyamaan College of Engineering,(Autonomous)  
Hosur, Tamilnadu



Department of Biomedical Engineering

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**BI ANNUAL NEWS LETTER 2022-2023**

# 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.

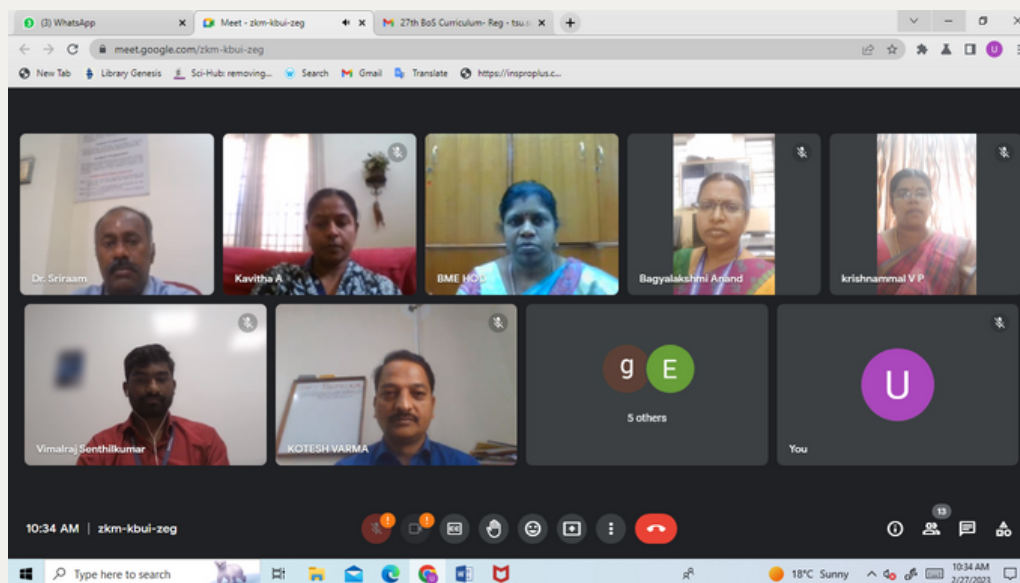
## PEOs

- 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 28th Board of Studies meeting on 27.02.2023 at 10:30 a.m (Online mode).

Members Present :

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).

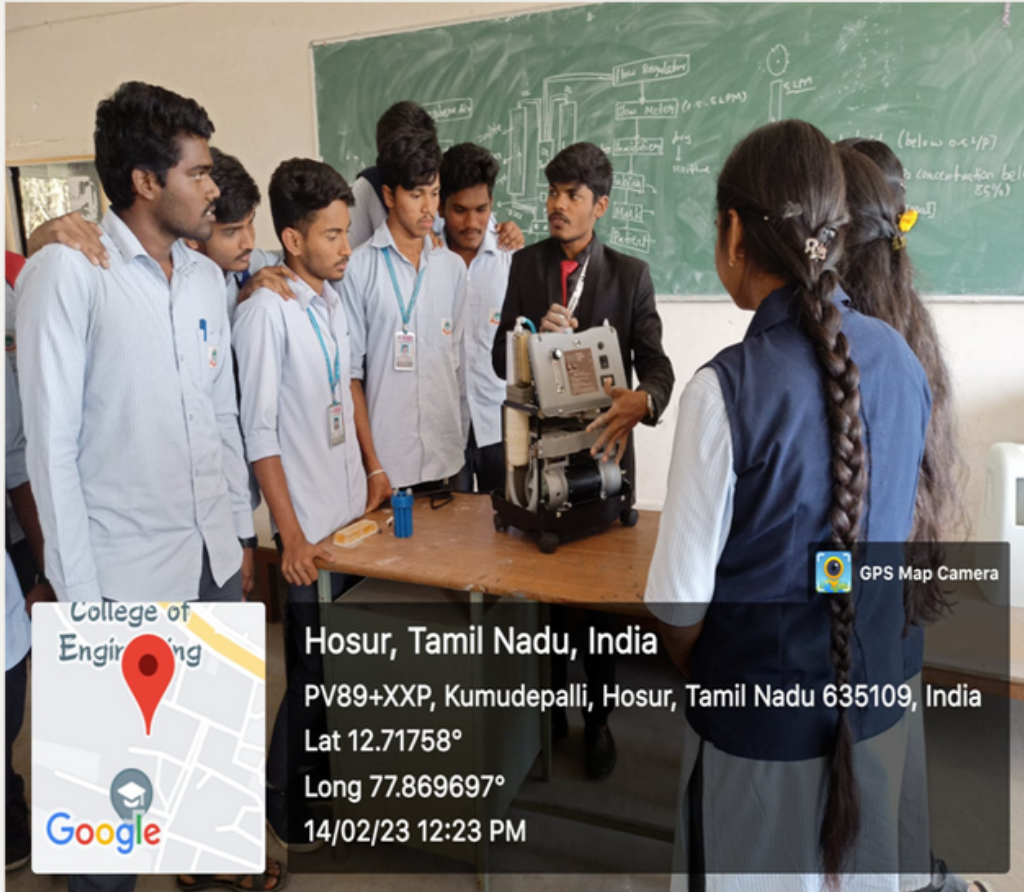
External Members:

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. S. Vimalraj - Senior Clinical Specialist,Philips, Bangalore .

## 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.

- Value added course on “ INDUSTRIAL EXPERTISED MEDICAL EQUIPMENT TRAINING from 13.02.2023 to 16.02.2023 by Atheenapandian Pvt. Ltd., Chennai at ACE Campus, Hosur.
- The key objectives gained from the value added course includes
  1. knowledge about the anatomy & electronics in healthcare.
  2. stimulate the students to do their project on their own.
  3. tackle technical interview successfully.



## ***EVENTS ORGANISED***

The Department of Biomedical Engineering at Adhiyamaan College of Engineering, ACE, Hosur, in collaboration with the Biomedical Engineering Society of India (BMESI), organized the 5th National Conference on Intelligence Systems and Control in Biomedical Engineering (NCISCBME 2K23).

The inauguration started at 10.00 AM on 02.03.2023 at Civil Seminar Hall, ACE. The auspicious start of the day was begun by the Dr. R. Anbuchezhian, MS(ENT) and Implantation on Ontology, Senior Consultant ENT, NECK & HEAD, Faciomaxillary Truma and Cochlear Implant Surgery, Kauvery Hospital, Hosur. The auspicious start of the second day was begun by the Ms. D. M. Sobi, Quality Engineer Products & Systems, Philips-Bangalore, India.



Honoring the chief guest

## ***BINOCS***

Department of Biomedical Engineering, at Adhiyamaan College of Engineering, ACE, Hosur in association with Biomedical Engineering Society of India (BMESI) organized BINOCS 2K23 on 21st and 22nd February 2023.



## ***BRAIN AWARENESS WEEK***

Department of Biomedical Engineering, at Adhiyamaan College of Engineering, ACE, Hosur in association with Biomedical Engineering Society of India (BMESI) organized BRAIN AWARENESS WEEK on 17th March 2023.

**Dr. Suganya,**

UG (M.B.B.S.), PG (MD)- St.Peter's Medical College and Hospital, Hosur. Presented on gaming addiction, economic burden in patients with dementia,



# **ACADEMIC TOPPERS**

## **VIII SEMESTER**



**SARANYA V**



**LYDIA M**



**SOUMYA V**

## **VI SEMESTER**



**SNEHA M**



**VISHALI G**



**VIDHYA M**

## **IV SEMESTER**



**ASHWINI S**



**CHAITRA BAI N**



**SHAKTHI PRIYA B**

## **II SEMESTER**



**DHARANIYA MKS THENKANIPAAVAI S**



**VARSHA S**



## ***ACHEIVEMENTS***

### **AWARDS**

- Dr. T. S. Udhaya Suriya, Prof/Head-BME

Received Best faculty advisor award from IEI on 6th March 2023.



### ***PUBLICATIONS:***

- N.Kaviyarasu, Published a paper titled "Analysis of Air Pollutants by Machine Learning and Deep Learning Algorithms" European Chemical Bulliten journal,2023

## ***NPTEL COURSE***

III Year Students had completed the NPTEL Course on Medical Image Analysis.



## ***HIGHER STUDIES***

In Academic year two students had cleared CEETA exam for their higher studies.

- Devadharshini. B
- Elakiya. K

## ***EXTRA CURRICULAR ACTIVITIES***

- Anbarasi M III Year  
Secured First position in Paper Presentation at National Institute of Technology, Tiruchirapalli.
- Jubair Ahmed S III Year  
Secured second position in Kabbadi at Anna university zonal tournaments 2022-2023, Chennai.

## PLACEMENT



- SARANYA V



- ABIRAMI T
- AJAY V
- GOWRI  
SHANKAR V
- LYDIA M
- MAMATHA M
- SOWMYA V
- SRIVARTHAN S
- VEMALA M
- VIVEK B



VEE TECHNOLOGIES  
Extraordinary Outcomes

- LYDIA M
- MAMATHA M



RINEX  
REST ABOVE THE BEST

- PRAVEENA V



- DURAIRAJ A
- HARI S
- PRAVEEN KUMAR B
- MUKESH P
- SHYAM GANESH R



- AAKASH K



E P I S O U R C E

- ABIRAMI T
- AJAY V
- BALASURIYAN B
- DURAIRAJ A
- ELAKIYA K
- GOMATHI S
- LYDIA M
- MUKESH KUMAR P
- PADMINI L
- SARANYA V
- SHRAYA B
- SHYAM GANESH R
- SOWMYA P
- THANGATHIRUMALAI K

**HIGHEST PACKAGE : 4.76 LPA**



# ***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