



# **ERODE SENGUNTHAR ENGINEERING COLLEGE**



**(An Autonomous Institution, Affiliated to Anna University, Chennai)**

**PERUNDURAI, ERODE - 638 057**



## **Department of Biomedical Engineering** **7<sup>th</sup> BOARD OF STUDIES MEETING**

**12<sup>th</sup> January 2024 @ 11.00 a.m.**

**GOOGLE MEET**

Link: **<https://meet.google.com/rzh-sztq-tpw?authuser=0&hl=en>**



**ERODE SENGUNTHAR ENGINEERING COLLEGE, PERUNDURAI - 638057**

(An Autonomous Institution - Affiliated to Anna University, Chennai)



## **DEPARTMENT OF BIOMEDICAL ENGINEERING**

### **07<sup>th</sup> Board of Studies Meeting**

**Mode: Through Online (Google Meet Link:  
<https://meet.google.com/rzh-sztq-tpw?authuser=0&hl=en>)**

Date & Time: 12.01.2024 & 11.00 a.m.

### **AGENDA**

The 07<sup>th</sup> Board of Studies Meeting is convened to get the approval for the Curriculum for all the Semesters and syllabus of III & IV Semesters under the Regulations 2023, Vertical Courses offered by Biomedical Engineering under the Regulations 2023 and Review the Vertical Courses offered by Biomedical Engineering under the Regulations 2019 .

BoS / BME 7.1	<b>Welcome address</b> and Opening Remarks by Chairman, Board of studies in the department of Biomedical Engineering
BoS / BME 7.2	Confirmation of the 6 <sup>th</sup> Board of Studies Meeting Minutes of the Department of Biomedical Engineering and Action taken report of 6 <sup>th</sup> Board of Studies meeting.
BoS / BME 7.3	To consider and approve the <b>curriculum: I to VIII Semester for B.E. BME Programme offered under Regulation 2023.</b>
BoS / BME 7.4	To consider and approve the <b>Syllabi: III and IV Semester courses for B.E. BME Programme offered under Regulation 2023.</b>
BoS / BME 7.5	To consider and review <b>Vertical courses identified for B.E. BME Programme offered under Regulation 2023 &amp; Regulation 2019.</b>
BoS / BME 7.6	Any other Matter
BoS / BME 7.7	Vote of Thanks

## DEPARTMENT OF BIOMEDICAL ENGINEERING

### MINUTES OF THE MEETING

The 06<sup>th</sup> Board of Studies meeting of Department of Biomedical Engineering was held on 30<sup>th</sup> May 2023 at 10.00 a.m. through online.

1. The following members were present:

1	<b>Dr. G.S. Sathesh Kumar,</b> Associate Professor & Head Department of Biomedical Engineering, Erode Sengunthar Engineering College, Perundurai.	<b>Chairman</b>
2	<b>Dr. T. Kesavamurthy,</b> Professor, Department of Electronics and Communication Engineering, PSG College of Technology, Peelamedu, Coimbatore – 641 004	<b>University Nominee</b>
3	<b>Dr. N. Sivakumaran,</b> Professor, Dept. of Instrumentation and Control Engineering National Institute of Technology Trichy – 620015	<b>Academic Experts</b>
4	<b>Dr. D. K. Ravish,</b> Associate Professor, Department of Medical Electronics, Dr. Ambedkar Institute of Technology, Malathahali, Bangaluru – 560 056	
5	<b>Mr. A. Shankar,</b> Manager, Medical and Health Service – Auditor, TÜV SÜD South Asia, 1st & 4th Floor, No: 11 & 13, Origin Towers- Type 2, Dr. Vikram Sarabhai Instronic Estate (VSI Estate), Thiruvannamiyur, Chennai – 600041	<b>Representative from Industry / Corporate Sector</b>

6	<b>Mr.K. Prathap,</b> PM - Service & Calibration Engineer, Ababil Healthcare Pvt, Ltd Region : Coimbatore & Erode Plot no.20, KVT Garden phase - III, V S Mani Nagar, Madhavaram, Chennai – 600 060,	<b>Meritorious Alumnus nominated by the Principal</b>
7	<b>Dr. A. Satheesh Kumar,</b> Assistant Professor / BME Erode Sengunthar Engineering College, Perundurai	<b>Internal Members</b>
8	<b>Mr. K. Balasubramanian,</b> Assistant Professor / BME Erode Sengunthar Engineering College, Perundurai	
9	<b>Mrs. M. Divya,</b> Assistant Professor / BME Erode Sengunthar Engineering College, Perundurai	
10	<b>Ms. M. Mohanavalli,</b> Assistant Professor / BME Erode Sengunthar Engineering College, Perundurai	
11	<b>Mrs. K. K. Leka,</b> Assistant Professor / BME Erode Sengunthar Engineering College, Perundurai	
12	<b>Ms. N.Ageela,</b> Assistant Professor / BME Erode Sengunthar Engineering College, Perundurai	
13	<b>Mrs.B.Pradeepa,</b> Assistant Professor / BME Erode Sengunthar Engineering College, Perundurai	

### Minutes of the Meeting

BoS / BME 7.1	:	<b>WELCOME ADDRESS</b> AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF BIOMEDICAL ENGINEERING.
		The Chairman, BOS of the Biomedical Engineering welcomed the members of Board of Studies and thanked each of them for spending their valuable time to attend the meeting.
BoS / BME 7.2	:	<b>CONFIRMATION OF THE 06<sup>th</sup> BOARD OF STUDIES MEETING MINUTES OF THE DEPARTMENT OF BIOMEDICAL ENGINEERING AND ACTION TAKEN REPORT OF 06<sup>th</sup> BOARD OF STUDIES MEETING.</b>
		The Chairman, BOS of the Biomedical Engineering brief about the changes made in the Regulation 2023 Semester I to VIII curriculum and syllabus through Minutes of Meeting and Action taken report of the 06 <sup>th</sup> Board of Studies Meeting.
BoS / BME 7.3		<b>TO CONSIDER AND APPROVE THE CURRICULUM I TO VIII SEMESTER FOR THE B.E. BIOMEDICAL ENGINEERING PROGRAMME OFFERED UNDER REGULATIONS 2023.</b>
	:	<p>The Chairman, BOS of the Biomedical Engineering presented the R2023 Curriculum of all semesters B.E. Biomedical Engineering to the Board of Studies members.</p> <p>The BoS members suggested the following:</p> <ul style="list-style-type: none"> <li>• <b>Dr. N. Sivakumaran</b>, Professor / ICE / NIT / Trichy, suggested to include the course on Cyber security in Health Sector in the Curriculum of B.E. Biomedical Engineering.</li> </ul> <p>For the remaining subjects BOS members reviewed and approved the same.</p>
BoS / BME 7.4	:	<b>TO CONSIDER AND APPROVE THE SYLLABI OF III AND IV SEMESTER COURSES FOR B.E. BME PROGRAMME OFFERED UNDER REGULATION 2023.</b>
		<p>The Chairman, BOS of the Biomedical Engineering presented the R2023 Syllabi of III and IV semesters B.E. Biomedical Engineering to the Board of Studies members.</p> <p>The BoS members suggested the following:</p>

		<ul style="list-style-type: none"> <li>• <b>Dr.T.Kesavamurthy</b>, Professor / ECE / PSG / Coimbatore, suggested to enhance the student knowledge in the field of Pathology and Microbiology theory and laboratory through Microbiology and pathology external experts while handling the subject.</li> <li>• <b>Dr.D.K.Ravish</b>, Associate Professor / ME / Dr.AIT / Bangaluru, suggested that Pathology and Microbiology laboratory can be conducted in an external mode through either Medical College Laboratory or Microbiology Laboratory.</li> <li>• <b>Dr.D.K.Ravish</b>, Associate Professor / ME / Dr.AIT / Bangaluru, suggested to arrange Hospital training for various Multi Speciality and MNC Hospital for students.</li> <li>• <b>Dr.D.K.Ravish</b>, Associate Professor / ME / Dr.AIT / Bangaluru, suggested to include MOSFET based amplifiers can include first unit of Analog and Digital Electronics.</li> <li>• <b>Mr.A.Shankar</b>, Manager / Medical and Health Service / TÜV SÜD South Asia / Chennai suggested to arrange many Guest lecture, Hospital and Industrial visit to various medical based organizations.</li> <li>• <b>Mr.A.Shankar</b>, Manager / Medical and Health Service / TÜV SÜD South Asia / Chennai recommended to subject Object Oriented Programming Unit II (Object Oriented Programming Basics) is move to Unit I (Java Basics) and Unit I (Java Basics) is move to Unit II (Object Oriented Programming Basics).</li> </ul> <p>For the remaining subjects BOS members reviewed and approved the same.</p>
BoS / BME 7.5	:	<p><b>TO REVIEW THE VERTICAL COURSES IDENTIFIED FOR B.E. BME PROGRAMME OFFERED UNDER REGULATION 2023 AND REGULATION 2019.</b></p> <p>The Chairman, BOS of the Biomedical Engineering presented the Vertical courses identified for B.E. BME Programme offered under Regulation 2019 and Regulation 2023 to the Board of Studies members.</p> <p>BOS members reviewed and approved the same.</p>
BoS / BME 7.6	:	ANY OTHER MATTER

BoS / BME 7.7	:	VOTE OF THANKS
		<p>❖ <b>Mr.K.Balasubramanian, Assistant Professor / BME</b>, proposed the vote of thanks for the 7<sup>th</sup> BoS meeting conducted on 12.01.2024. He thanked everyone for their valuable presence over online mode and for their valuable suggestions to improve the curriculum and syllabi of B.E. Biomedical Engineering.</p>



CHAIRMAN  
BOARD OF STUDIES

# Department of Biomedical Engineering

The 07<sup>th</sup> Board of studies meeting held on 12.01.2024 through the following link:

Google Meet online link: <https://meet.google.com/rzh-sztq-tpw?authuser=0&hl=en>

## Snapshots of Meeting

The top screenshot shows a Google Meet interface with a presentation slide titled "DEPARTMENT OF BIOMEDICAL ENGINEERING Hearty Welcome to all Second Board of Studies Meeting – R2023 Date & Time: 12.01.2024 & 11.00 AM". The slide also includes a warning: "To avoid an infinity mirror, don't share your entire screen or browser window. Share just a tab or a different window instead." The meeting is titled "HOD BME ESEC (You, presenting)". The bottom screenshot shows a Google Meet interface with a presentation slide titled "6th Board of Studies Meeting conducted on 30.05.2023 ACTION TAKEN REPORT". The slide includes a table with the following data:

Sl.No.	Name of the Expert	Suggestion Given	Action Taken
1.	Dr.T.Kesavamurthy, Professor / ECE / PSG / Coimbatore	Suggested for updating the Text Books and Reference Books with latest edition and suggested to include web resources.	Incorporated new text book with recent edition in Syllabus
2.	Dr.T.Kesavamurthy, Professor / ECE / PSG / Coimbatore	Suggested to ensure all Vertical Courses offered by Biomedical Engineering is framed under the guidelines of Anna University new syllabus.	All the Vertical Courses incorporated based on the Regulation 2021, Anna University Curriculum and syllabus
3.	Dr.N.Sivakumaran, Professor / ICE / NIT / Trichy	Asked to limitation for the number of vertical courses in the curriculum.	Vertical Courses limited to 7 Verticals (Professional Elective Courses) in Regulation 2023



You are signed in as TS1122 | WhatsApp | Inbox (2,762) - hodbme@esec.ac... | Meet - rzh-sztq-tpw

meet.google.com/rzh-sztq-tpw?authuser=0&hl=en

**HOD BME ESEC (You, presenting)** Stop presenting

To avoid an infinity mirror, don't share your entire screen or browser window. Share just a tab or a different window instead.

6<sup>th</sup> Board of Studies Meeting conducted on 30.05.2023

**ACTION TAKEN REPORT**

Sl.No.	Name of the Expert	Suggestion Given	Action Taken
1.	Dr.T.Kesavamurthy, Professor / ECE / PSG / Coimbatore	Suggested for updating the Text Books and Reference Books with latest edition and suggested to include web resources.	Incorporated new text book with recent edition in Syllabus
2.	Dr.T.Kesavamurthy, Professor / ECE / PSG / Coimbatore	Suggested to ensure all Vertical Courses offered by Biomedical Engineering is framed under the guidelines of Anna University new syllabus.	All the Vertical Courses incorporated based on the Regulation 2021, Anna University Curriculum and syllabus
3.	Dr.N.Sivakumaran, Professor / ICE / NIT / Trichy	Asked to limitation for the number of vertical courses in the curriculum.	Vertical Courses limited to 7 Verticals (Professional Elective Courses) in Regulation 2023
	Dr.D.L. Parthasarathy	Suggested to Industrial Training Course	

11:05 AM | rzh-sztq-tpw

Dr Kesavamurthy Dr Satheesh Kumar Balasubramanian K

RAVISH D K Natarajan Sivaku... shankar A

Dhivya Ganesh Mohanavalli M PRATHAP K

HOD BME ESEC

11:05 AM | rzh-sztq-tpw

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Bos Discussion Document1 - Mic... meet.google.co... Meet - rzh-sztq-t... VI - BOS - ACTIO... 11:05 AM 1/12/2024