

ERODE SENGUNTHAR ENGINEERING COLLEGE

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

PERUNDURAI, ERODE - 638 057



Department of Biomedical Engineering 2nd BOARD OF STUDIES MEETING

25th January 2020 @ 10.00 a.m.

Venue: Conference Hall

ERODE SENGUNTHAR ENGINEERING COLLEGE, PERUNDURAI - 638057

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



DEPARTMENT OF BIOMEDICAL ENGINEERING

Second Board of Studies Meeting

Date & Time: 25.02.2020 & 10.00 a.m.

AGENDA

The Second Board of Studies Meeting is convened to seek approval for the Curriculum and Syllabi for Semesters II to IV, and for the continuation of the AU 2017 Regulation syllabus for Semesters III to VIII for the current 2nd and 3rd year B.E. (Biomedical Engineering) students, as per the Anna University prescribed courses.

BoS / BME 2.1	Welcome address and opening remarks by Chairman, Board of Studies in the Department of Biomedical Engineering
BoS / BME 2.2	To review and approve the Curriculum of II To IV Semesters for The B.E. (Biomedical Engineering) Programme to be offered under R-2019 with effect from the Academic year 2019 – 2020 Onwards.
BoS / BME 2.3	To review and approve the Syllabi of II To IV Semesters for The B.E. (Biomedical Engineering) Programme to be offered under R-2019 with effect from the Academic year 2019 – 2020 Onwards.
BoS / BME 2.4	Approval for Continuation of Syllabus Under AU 2017 Regulations: Approval of continuation of AU 2017 Regulation syllabus for III – VIII semesters of current 2nd & 3rd year B.E. (Biomedical Engineering) students, as per Anna University Syllabus.
BoS / BME 2.5	Any other Matter

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DEPARTMENT OF BIOMEDICAL ENGINEERING

The Second Board of studies meeting of Biomedical Engineering for the B.E. (Biomedical Engineering) degree program from the academic year 2019 – 20 onwards was convened and held on 25th January 2020 in the Conference Hall of Administrative Block, Erode Sengunthar Engineering College, Perundurai. The Minutes of the Meeting was

ITEM 01 WELCOMING OF BOARD OF STUDY MEMBERS

The Chairman of Biomedical Engineering Board of Studies welcomed all members of Board of Studies. She presented the department introduction and briefed the agenda to be discussed followed by introduction of all members present.

ITEM 02 TO REVIEW AND APPROVE THE CURRICULUM OF II TO IV SEMESTERS FOR THE B.E. (BIOMEDICAL ENGINEERING) PROGRAMME TO BE OFFERED UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.

The Chairman of Biomedical Engineering Board of Studies presented the Regulations 2019 of B.E. Biomedical Engineering programme. The Board of Studies reviewed the regulations and suggested following modifications.

- Dr. M. Ramasubba Reddy suggested including Circuit Theory instead of Linear Integrated Circuits in 3rd Semester.
- Suggested that remove the linear integrated Circuits Lab from 3rd semester and asked to include Electrical Circuits laboratory.
- Suggested to modify Digital IC lab as Analog and Digital IC lab in Semester 4.

- Asked to include in the linear integrated Circuits in 4th Semester which is removed from the 3rd Semester instead of Fundamentals of Data Structures in C in 4th semester.
- Asked to Move the Biomedical Instrumentation course and lab from the Semester 4 to Semester 5.
- Asked to Move the Bio-Control Systems from Semester 5 to Semester 4.
- Suggested to include Biosensor Lab in Semester 4.
- Suggested to combine the Bio-Signal Processing lab and Medical Image Processing lab as one lab.
- The rehabilitation engineering laboratory is renamed as Advanced Bioinstrumentation Laboratory.

ITEM 03 **TO REVIEW AND APPROVE THE SYLLABI OF II TO IV SEMESTERS FOR THE B.E. (BIOMEDICAL ENGINEERING) PROGRAMME TO BE OFFERED UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 2019 – 2020 ONWARDS.**

The Chairman of BME Board of Studies presented the Curriculum 2019 of I to VIII for the B.E. Biomedical Engineering. The Board of Studies reviewed the Curriculum and suggested following modifications.

- Suggested to include Circuit Theory instead of Linear Integrated Circuits in 3rd Semester.
- Suggested that remove the linear integrated Circuits from 3rd semester and asked to include Electrical circuit's laboratory.
- Suggested to modify Digital IC lab as Analog and Digital IC lab in Semester 4.
- Asked to include in the linear integrated Circuits in 4th Semester which is removed from the 3rd Semester instead of Fundamentals of Data Structures in C in 4th semester.
- Asked to Move the Biomedical Instrumentation course and lab from the Semester 4 to Semester 5.
- Asked to Move the Bio-Control Systems from Semester 5 to Semester 4.
- Suggested to include Biosensor Lab in Semester 4.
- Suggested to combine the Bio-Signal Processing lab and Medical Image Processing lab as one lab.
- The rehabilitation engineering laboratory is renamed as Advanced Bioinstrumentation Laboratory.

The Board of Studies resolved to approve the Curriculum of 2019 of I to VIII for the B.E. Biomedical Engineering programme brought forward by the Chairman incorporating the above changes.

ITEM 04 AS PER THE INSTRUCTIONS FROM DIRECTOR / ANNA UNIVERSITY ACADEMIC COURSES, FOR III TO VIII SEMESTERS OF CURRENT 2ND YEAR STUDENTS OF B.E. (BIOMEDICAL ENGINEERING), THE SAME SYLLABUS UNDER ANNA UNIVERSITY 2017 REGULATIONS WILL BE FOLLOWED.



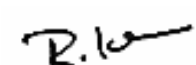
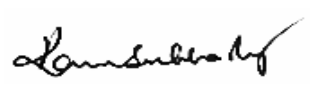
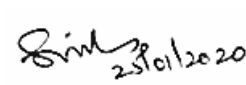

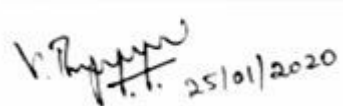

The Chairman of BME Board of Studies presented the syllabi of I to VIII for the B.E. Biomedical Engineering. The Board of Studies reviewed the syllabus and suggested following modifications.




- Suggested to include Circuit Theory instead of Linear Integrated Circuits in 3rd Semester.
- Suggested that remove the linear integrated Circuits from 3rd semester and asked to include Electrical circuit's laboratory.
- Suggested to modify Digital IC lab as Analog and Digital IC lab in Semester 4.
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- Suggested to include Biosensor Lab in Semester 4.
- Suggested to combine the Bio-Signal Processing lab and Medical Image Processing lab as one lab.
- The rehabilitation engineering laboratory is renamed as Advanced Bioinstrumentation Laboratory.

The Board of Studies resolved to approve the syllabi of I to VIII semesters for the B.E. (Biomedical Engineering) Programme brought forward by the Chairman incorporating the above changes.



**Chairman
(BoS – BME)**

S.No.	Members	Signature
1	Dr. S.Poorani , Professor, Department of Electronics and Instrumentation Engineering, Erode Sengunthar Engineering College, Perundurai.	
2	Dr. V. Venkatachalam Principal, Erode Sengunthar Engineering College, Perundurai.	
3	Dr. R. Kalaivani , Professor & Head, Department of Electronics and Communication Engineering, Erode Sengunthar Engineering College, Perundurai.	
4	Dr. M. Ramasubba Reddy , Professor, Department of Applied Mechanics, Indian Institute of Technology, Chennai	
5	Dr.J. Krishnan , Professor, Department of Instrumentation Engineering, Annamalai University, Chidambaram, Cuddalore District.	
6	Dr.P.Manimegalai , Associate Professor, Department of Biomedical Engineering, School of Engineering and Technology, Karunya Institute of Technology and Sciences, Coimbatore.	
7	Mr. V. Angappa , Managing Director, Mega Tech Scientific Instruments, 70, Rajunaidu Street, Sivanandha Colony, Coimbatore.	
8	Dr.V.Premchandran , Associate Professor, Department of Biomedical Engineering Engineering, Erode Sengunthar Engineering College, Perundurai.	

9	Mr.K.Balasubramanian , Assistant Professor, Department of Biomedical Engineering Engineering, Erode Sengunthar Engineering College, Perundurai.	
10	Mr.R.Dhanapal , Assistant Professor, Department of Biomedical Engineering Erode Sengunthar Engineering College, Perundurai.	
11	Mr.R.Shankar , Assistant Professor, Department of Biomedical Engineering Erode Sengunthar Engineering College, Perundurai.	
12	Ms.M.Nithya , Assistant Professor, Department of Biomedical Engineering Erode Sengunthar Engineering College, Perundurai.	