ERODE SENGUNTHAR ENGINEERING COLLEGE

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

PERUNDURAI, ERODE - 638 057



Department of Biomedical Engineering

6th BOARD OF STUDIES MEETING

30th May 2023 @ 10.00 a.m.

ZOOM ONLINE MEET

Link: https://us06web.zoom.us/j/89259428431?pwd=N0thNF NGSVJBYU9nY29QVklaVlJ2UT09



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

National Assessment & According

DEPARTMENT OF BIOMEDICAL ENGINEERING

06th Board of Studies Meeting

Mode: Through Online (Zoom Meeting Kink:

https://us06web.zoom.us/j/86738567856?pwd=ZkVEdnBIdU5UNkR4UVRJcFp3NjZlUT09)

Date & Time: 30.05.2023 & 10.00 a.m.

<u>AGENDA</u>

The 06th Board of Studies Meeting is convened to get the approval for the Curriculum for all the Semesters and syllabus of I & II semesters under the Regulations 2023, Vertical Courses offered by Biomedical Engineering and online Courses.

BoS / BME 6.1	Velcome address and Opening Remarks by Chairma	n, Board of studies
BOS / BIVIE 0.1	n the department of Biomedical Engineering	
	Confirmation of the 5 th Board of Studies Meetin	g Minutes of the
BoS / BME 6.2	Department of Biomedical Engineering and Action	taken report of 5 th
	Board of Studies meeting.	
	To consider and approve the curriculum: I to VIII	Semester for B.E.
BoS / BME 6.3	BME Programme offered under Regulation 2023.	
	To consider and approve the Syllabi: I and II Semester	er courses for B.E.
BoS / BME 6.4	BME Programme offered under Regulation 2023.	
	To consider and approve Vertical courses identified	ed for B.E. BME
BoS / BME 6.5	Programme offered under Regulation 2023.	
	To Confirm and Approve Verticals for Awarding Hor	10rs, Honors With
	pecialization and Minor Degree – B.E Biomedia	cal Engineering in
BoS / BME 6.6	Regulations 2019 for students admitted in the Acade	emic Year 2021-22
	nwards as per the direction of Anna Unive	ersity (Letter No
	749/AU/CAC/Honours/2022 dated16.11.2022).	
BoS / BME 6.7	Any other Matter	
BoS / BME 6.8	/ote of Thanks	

DEPARTMENT OF BIOMEDICAL ENGINEERING

MINUTES OF THE MEETING

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

1. The following members were present:

	Dr. G. S. Satheesh Kumar,				
	Associate Professor & Head		. 1/		
1	Department of Biomedical Engineering,	Chairman	yuk		
	Erode Sengunthar Engineering College, Perundurai.		L		
	Dr. T. Kesavamurthy,				
	Professor,				
2	Department of Electronics and Communication Engineering,	University Nominee			
	PSG College of Technology, Peelamedu,	U			
	Coimbatore – 641 004				
	Dr. N. Sivakumaran,				
	Professor,				
3	Dept. of Instrumentation and Control Engineering National Inst				
	Technology				
	Trichy – 620015	Academic			
	Dr. D. K. Ravish,	Experts			
	Associate Professor,				
4	Department of Medical Electronics,				
	Dr. Ambedkar Institute of Technology,				
	Malathahali, Bangaluru – 560 056		ON-LINE MODE		
	Mr. A. Shankar,				
	Manager, Medical and Health Service – Auditor,				
	TÜV SÜD South Asia,	Representative			
5	1st & 4th Floor, No: 11 & 13,	from Industry /			
	Origin Towers- Type 2,	Corporate Sector			
	Dr. Vikram Sarabhai Instronic Estate (VSI Estate),				
	Thiruvanmiyur, Chennai – 600041				
	Mr.K. Prathap,				
	ECG Analyst,	N <i>T</i>			
	Healthwatch Telediagnostics Private Limited,	Meritorious Alumnus			
6	12, Ground Floor, Itteri Road, Near Ramalingam Hospital,	nominated by the			
	Ram Nagar, Meyyanur,	Principal			
	Salem – 636005				

	Dr. A. Sathish Kumar,		A DID DI . A
7	Professor / BME		1 Latseptemen
	Erode Sengunthar Engineering College, Perundurai.		,
	Mr. K. Balasubramanian,		
8	Assistant Professor / BME		CV.Se
	Erode Sengunthar Engineering College, Perundurai		- T
	Mrs. M. Divya,		
9	Assistant Professor / BME		u Al
	Erode Sengunthar Engineering College, Perundurai		The Contraction of the Contracti
	Ms. M. Mohanavalli,		~
10	Assistant Professor / BME		M. MO3.
	Erode Sengunthar Engineering College, Perundurai	Internal Members	A LANDA
	Mrs. K. K. Leka,	internar wiembers	
11	Assistant Professor / BME		K. Lets_
	Erode Sengunthar Engineering College, Perundurai		
	Mrs. N. Gomathi,		λΛ
12	Assistant Professor / BME		N. lind -
	Erode Sengunthar Engineering College, Perundurai		N VVV
	Erode Sengunthar Engineering College, Perundurai Ms. N.Ageela ,		
13			Nett
13	Ms. N.Ageela,		Natt
13	Ms. N.Ageela, Assistant Professor / BME		Nott
13	Ms. N.Ageela, Assistant Professor / BME Erode Sengunthar Engineering College, Perundurai		Nott Pala a

BoS / BME 6.1	•	WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF BIOMEDICAL ENGINEERING.
DOS / DIVIE 0.1		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.
	:	CONFIRMATION OF THE 05 th BOARD OF STUDIES MEETING MINUTES OF THE DEPARTMENT OF BIOMEDICAL ENGINEERING AND ACTION TAKEN REPORT OF 05th BOARD OF STUDIES MEETING.
BoS / BME 6.2		The Chairman, BOS of the Biomedical Engineering briefed about the changes made in the Regulation 2019 Semester I to VIII syllabus through Meeting Minutes and Action taken report of the 05 th Board of Studies Meeting.

BoS / BME 6.3 :	 TO CONSIDER AND APPROVE THE CURRICULUM I TO VIII SEMESTER FOR THE B.E. BIOMEDICAL ENGINEERING PROGRAMME OFFERED UNDER REGULATIONS 2023 The Chairman, BOS of the Biomedical Engineering presented the R2023 Curriculum of all semesters B.E. Biomedical Engineering among the Board of Studies members. The BoS members suggested the following: Dr.T.Kesavamurthy, Professor / ECE / PSG / Coimbatore, suggested to ensure all Vertical Courses (Professional Elective) offered by Biomedical Engineering is framed under the guidelines of Anna University new syllabus. Dr.N.Sivakumaran, Professor / ICE / NIT / Trichy asked to limitation for the number of vertical courses in the curriculum. Dr.D.K.Ravish, Associate Professor / ME / Dr.AIT / Bangaluru, suggested to Group Assignments and Projects for Teachers to be conducted as a part of Quality Assessment methods. Mr.A.Shankar, Manager / Medical and Health Service / TÜV SÜD South Asia / Chennai suggested to 'Fundamentals of Biochemistry' can be changed as 'Medical Biochemistry'. Mr.A.Shankar, Manager / Medical and Health Service / TÜV SÜD South Asia / Chennai enquired about delivery method for the course "Tamil Heritage and Tamils and Technology" courses for different students. For the remaining subjects BOS members reviewed and approved the same.
	TO CONSIDER AND APPROVE THE SYLLABI OF I AND II SEMESTER COURSES FOR B.E. BME PROGRAMME OFFERED
	UNDER REGULATION 2023.
BoS / BME 6.4 :	The Chairman, BOS of the Biomedical Engineering presented the R2023 Syllabi of I and II semesters B.E. Biomedical Engineering among the Board of Studies members.
	 The BoS members suggested the following: 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.

		• Mr. A. Shankar, Manager / Medical and Health Service / TÜV SÜD
		South Asia / Chennai, suggested to 'Patient Safety, Standards and
		Ethics' can be changed as 'Medical Ethics'.
		• Mr. A. Shankar, Manager / Medical and Health Service / TÜV SÜD
		South Asia / Chennai, suggested including some advanced
		experiments as application based on the Kidney, Liver and pancreatic
		function test of the human body in Biochemistry Laboratory.
		• For the remaining subjects all the BoS members accepted.
		TO CONSIDER AND APPROVE VERTICAL COURSES IDENTIFIED
		FOR B.E. BME PROGRAMME OFFERED UNDER REGULATION
		2023.
		The Chairman, BOS of the Biomedical Engineering presented the Vertical
		courses identified for B.E. BME Programme offered under Regulation 2023
		among the Board of Studies members.
		• Dr. T. Kesavamurthy, Professor / ECE / PSG / Coimbatore,
BoS / BME 6.5	:	suggested to ensure all Vertical Courses (Professional Elective)
		offered by Biomedical Engineering is framed under the guidelines of
		Anna University syllabus.
		• Dr. N. Sivakumaran, Professor / ICE / NIT / Trichy, asked to
		limitation for the number of vertical courses in the curriculum. The
		Chairman replied that the vertical courses are limited to 6 categories
		as per Regulations 2023.
		• BOS members reviewed and approved the same.
		To Confirm and Approve Verticals for Awarding Honors, Honors With
		Specialization and Minor Degree – B.E Biomedical Engineering in
		Regulations 2019 for students admitted in the Academic Year 2021-22
		onwards as per the direction of Anna University (Letter No
		5749/AU/CAC/Honours/2022 dated16.11.2022).
		The Chairman, BOS of the Biomedical Engineering to present the Verticals
BoS / BME 6.6	:	for Awarding Honors, Honors With Specialization and Minor Degree – B.E.
		Biomedical Engineering in Regulations 2019 for students admitted in the
		Academic Year 2021-22 onwards as per the direction of Anna University
		(Letter No 5749/AU/CAC/Honours/2022 dated16.11.2022) to approval.
		• BOS members reviewed and approved the Verticals for awarding
		Honors, Honors with specialization and Minor degree - B.E
		Biomedical Engineering.
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	:	ANY OTHER MATTER
BoS / BME 6.7		 The Chairman, BOS of the Biomedical Engineering presented the online courses related to Biomedical Engineering, Medical Electronics and Health Care domain among the Board of Studies members. BOS members reviewed and approved the same.
	:	VOTE OF THANKS
BoS / BME 6.8		 Dr. G. S. Satheesh Kumar, Associate Professor / BME, proposed the vote of thanks for the 6th BoS meeting conducted on 30.05.2023. She 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.

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CHAIRMAN BOARD OF STUDIES

Department of Biomedical Engineering

The 06th Board of studies meeting held on 30.05.2023 through the following link:

Zoom online meet link:

https://us06web.zoom.us/j/86738567856?pwd=ZkVEdnBIdU5UNkR4UVRJcFp3NjZlUT09)



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