



EXCEL ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA and NAAC with "A+" and Recognized by UGC(2f&12B)
KOMARAPALAYAM - 637303

DEPARTMENT OF BIOMEDICAL ENGINEERING THIRD BOARD OF STUDIES MINUTES OF MEETING

Meeting No : EEC/BM/BoS/3
Date : 24.02.2022
Time : 2.30 pm
Venue : Online Mode (Google meet)
Link : <https://meet.google.com/mof-zije-cxs>

AGENDA

- B.BM.3.1 To discuss and pass the syllabi of the courses offered in Regulation 2020 during III-year B.E. Biomedical Engineering Programme for the students admitted from the academic year 2020-21 onwards.
- B.BM.3.2 To discuss and pass the Syllabi of Professional Elective courses offered in Regulation 2020 of B.E. Biomedical Engineering Programme for the students admitted from 2020-21 academic year onwards.
- B.BM.3.3 To discuss and pass the Syllabi of Open Elective courses offered to other UG programme students in Regulation 2020 admitted from the academic year 2020-21 onwards.
- B.BM.3.4 To discuss and pass the Syllabi of one credit courses offered in Regulation 2020 during V and VI semester of B.E. Biomedical Engineering Programme for the students admitted from 2020-21 academic year onwards.
- B.BM.3.5 To discuss and pass the curriculum of Regulation 2022 for M.E. Biomedical Engineering programme for the students admitted from the academic year 2022-23 onwards.
- B.BM.3.6 To discuss and pass the first-year syllabi of M.E. Biomedical Engineering for the students admitted from the academic year 2022-23 onwards.
- B.BM.3.7 Any other Matters.

Resolutions

1. Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the curriculum and syllabi of B.E. Biomedical Engineering programme with the following changes.

Semester- V


RECOMMENDATION	RESOLUTION
B.BM. 3.1 Dr.D.Selvathi and Dr.N.Sriram have suggested that the Biocontrol system course is generic control systems for that three units may be added as a physiological control systems.	B.BM.R. 3.1 Three units of physiological control systems topics were added in the Biocontrol systems course as per suggestion.
B.BM. 3.2 Dr,N.Sriram and Mr.Shanthakumar have expressed that include case study and latest medical equipment in the Biomedical instrumentation course	B.BM.R. 3.2 Two Case studies have been included in the Biomedical instrumentation course as per suggestion.
B.BM. 3.3 Dr.D.Selvathi has suggested providing unit names instead of given as an Introduction.	B.BM.R. 3.3 Appropriate unit name has given to all courses as per suggestion.
B.BM. 3.4 Dr.N.Sriram and Dr.D.Selvathi have recommended two text books and remaining reference books.	B.BM.R.3.4 Two text books and remaining reference books are incorporated in the syllabus as per recommendation.

Semester- VI

RECOMMENDATION	RESOLUTION
B.BM. 3.5 Dr.D.Selvathi and Dr.N.Sriram have suggested using latest edition of text books for core subjects.	B.BM.R. 3.5 Latest edition of text books for core subjects are included as per suggestion.
B.BM. 3.6 Dr.N.Sriram recommended that 8085 and 8086 microprocessors are not used in any industry and also which are outdated. He suggested including advance microprocessor and microcontroller	B.BM.R. 3.6 As per recommendation, only one unit has basic microprocessors and remaining units have advanced microcontrollers.

<p>B.BM. 3.7 Advised to eliminate irrelevant topics in three courses such as Biostatics, Physiological signal processing and Medical Image Analysis</p>	<p>B.BM.R. 3.7 As per recommendation, irrelevant topics are removed and appropriate topics are included in following courses: Physiological signal processing and Medical Image Analysis.</p>
<p>B.BM. 3.8 If LabView Software is available, then for Virtual Instrumentation professional elective course Syllabus can be added with GUI case studies to explore practically.</p>	<p>B.BM.R. 3.8 As per recommendation, the Virtual Instrumentation Elective course has been updated with GUI case studies.</p>

2. Resolved that the Syllabi of Open Elective courses offered for other departments were approved.
3. Resolved that the Syllabi of one credit courses are approved for V and VI semesters
4. Resolved that the curriculum and syllabus of M.E. Biomedical Engineering for the students admitted from the academic year 2022-23 onwards.

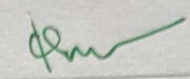
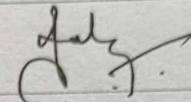
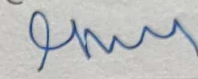

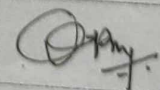


Chairman - Board of Studies

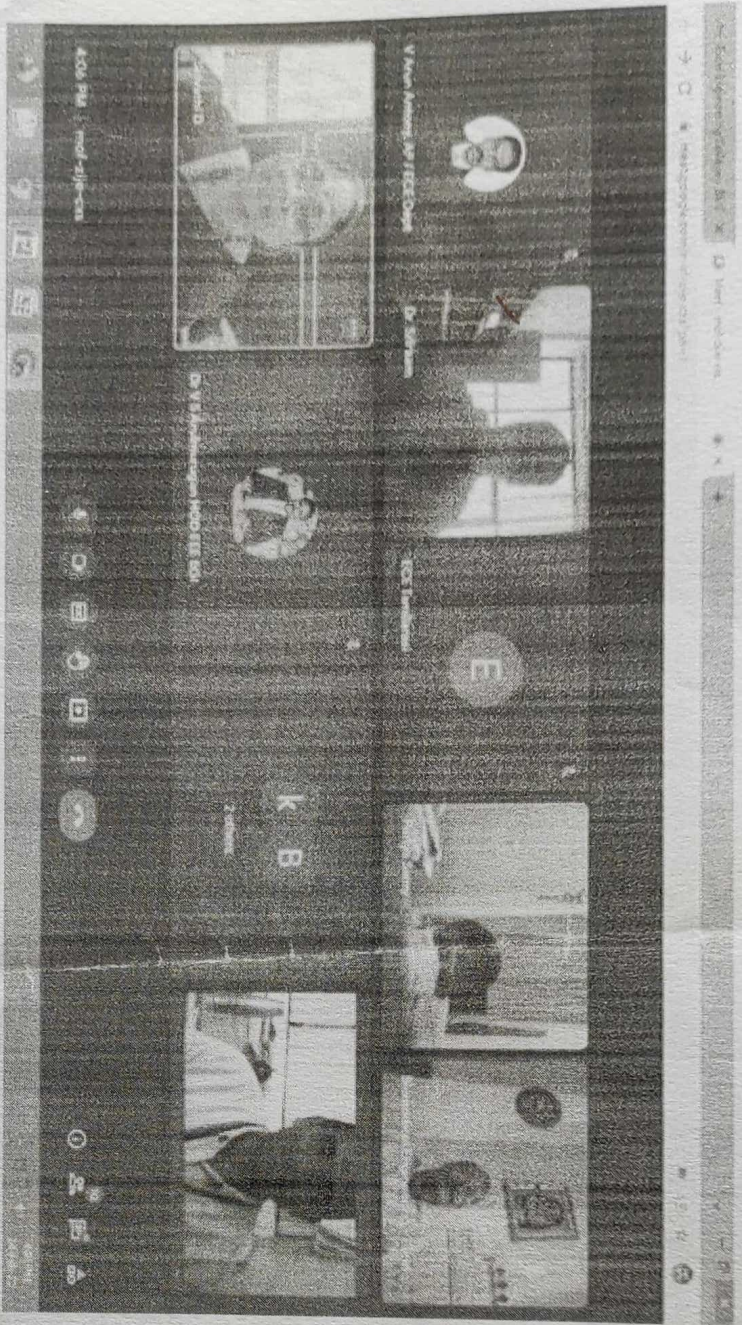



Principal

Members Present:

S.No	Name and Affiliation	Designation	Signature
1	Dr.K.Bommanna Raja Professor/BME	Executive Director/Principal	
2	Dr.B Balasubramanian Professor & Head, BME	Chairman – BME, BoS	
3	Dr.G.Prakash Professor/BME	Professor	
4	Dr. D.Selvathi Senior Professor, Department of Electronics and Communication Engineering, Meppco Schlenk Engineering College Sivakasi	University Nominee	
5	Dr. R Periyasamy Assistant Professor, Dept. of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli	Subject Expert	
6	Dr .N. Sraam Professor and Head, Department of Medical Electronics Ramaiah Institute of Technology Bangalore	Subject expert	
7	Dr. G Muralidhar Bairy Associate Professor (Sr scale) and HOD Biomedical Engineering, Manipal Institute of Technology	Subject expert	
8	Mr. Shanthakumar Managing Director, Vital Bio-Systems Pvt. Ltd, Chennai	Industry representative	
9	Mr.P.Chinnadurai, Project Manager Jasmine-infotech, chennai	Industry representative	
10	Mr. Gurumoorthy Durairajan General Manager - Business Development & KAM Dr.Bio Hi-Tech International, Chennai. email: gurumoorthyd@gmail.com Mobile: 8056492929	Industry representative	
11	Ms. T.Hemapreetha, B.E. Clinical Ultrasound product Specialist BPL Medical Technologies Cochin	Industry representative	ABSENT
12	Ms.M.K.Prabavathi Assistant Professor	Faculty member	
13	Mrs.Deepa Assistant Professor	Faculty member	





[Handwritten signature]

Dr. B. BALASUBRAMANIAN, BE, ME, PH.D.
 Professor & Head
 Biomedical Engineering
 Excel Engineering College (Autonomous)
 Komarapuram, Madurai - 625 001.