



Estd. 1995

SETHU INSTITUTE OF TECHNOLOGY, PULLOOR, KARIAPATTI – 626 115

1<sup>st</sup> MEETING OF BOARD OF STUDIES IN

DEPARTMENT OF BIOMEDICAL ENGINEERING

HELD ON 24.09.2016

**MINUTES OF MEETING**

The First Meeting of the Board of Studies in Department of Biomedical Engineering held on 24.09.2016 at Department Seminar Hall at Sethu Institute of Technology, Pulloor, Kariappatti.

S. No.	Name	Designation	Status	Signature
1.	Dr. K. Hemalatha	HOD	Chairman	<i>[Signature]</i>
2.	Mrs. G. Lakshmi	Asst. Prof. (Sr. Gr.)	Member	<i>[Signature]</i>
3.	Mrs. D. Diana	Asst. Prof.	Member	<i>[Signature]</i>
4.	Mrs. K. Jothilakshmi	Asst. Prof.	Member	<i>[Signature]</i>
5.	Ms. M. Angelin Ponrani	Asst. Prof.	Member	<i>[Signature]</i>
6.	Ms. M. Charanya	Asst. Prof	Member	<i>[Signature]</i>
7.	Ms. G. Ramu Priya	Asst. Prof	Member	<i>[Signature]</i>
8.	Dr. S. Shenbaga Devi (Anna University Nominee)	Professor Department of Electronics & Communication Engineering College of Engineering, Anna University, Chennai.	Member	<i>[Signature]</i> 24/9/16
9.	Mr. S. Harish Kumar (Industrial Member)	Service Executive Maquet Medical India Pvt. Ltd, Coimbatore	Member	<i>[Signature]</i>
10.	Mr. V. Girish (Industrial Member)	CEO RadQ Services Coimbatore	Member	<i>[Signature]</i>
11.	Dr. B. Subathra (Alumni Member)	Professor Department of Instrumentation & Control Engineering Kalasalingam University	Member	<i>[Signature]</i>
12.	Dr. S. Mythili (Institute Nominee)	Professor, Department of Electronics & Communication Engineering PSNA College of Engineering	Member	<i>[Signature]</i> 24/9/16



The Chairman welcomed the members and presented the proposed Curriculum and Syllabi to be followed from 2016-17 Batch under Autonomous Regulation for B.E. Biomedical Engineering.

### **B.E Biomedical Engineering – 2016-17 under Autonomous Regulation 2015:**

The members discussed thoroughly the new Curriculum and Syllabi for B.E. Biomedical Engineering to be followed from 2016-17 batch under autonomous regulations and offered useful suggestions.

Based on the suggestions given by the members, the following resolutions are made on the Curriculum.

- The BOS resolved to move Electrical Circuit Analysis theory course and Laboratory course from III semester to II semester
- The BOS resolved to move Electronic Devices theory course and Laboratory course from II semester to III semester
- The BOS resolved to include Sensors and Measurements Techniques in II semester instead of III semester
- The BOS resolved to include Biochemistry laboratory course in III semester.
- The BOS resolved to include Signals and Systems for Bioengineers in fourth semester
- The BOS resolved to move Pathology and Microbiology Devices theory course and Laboratory course from V semester to VI semester
- The BOS resolved to have Diagnostic and Therapeutic Equipments as two theory course namely Diagnostic and Therapeutic Equipments-I and Diagnostic and Therapeutic Equipments- II in IV semester and VI semester respectively
- The BOS resolved to move Biomechanics theory course from IV semester to V semester with I unit as Introduction, II unit as Circulatory system biomechanics system, III unit as Orthopedic mechanics, IV unit as Muscle biomechanics and V unit as Modelling and Ergonomics
- The BOS resolved to merge Biomedical Instrumentation I and II as single theory course as Biomedical Instrumentation
- The BOS resolved to merge Human Anatomy and Physiology I and II as single theory course with I unit as Structure and Functions, II unit as Cardiovascular and Respiratory system, III unit as Nervous System, IV unit as Digestive and Excretory system and V unit as Sensory system
- The BOS resolved to introduce Medical Imaging Equipments theory course in VI semester



- The BOS resolved to introduce Project Design Laboratory in VII semester
- The BOS resolved to introduce Biomaterials, Rehabilitation Engineering, Big data and IOT in medical applications as professional electives

The Board of Department of Biomedical Engineering approve and recommend the Curriculum and Syllabi of B.E Biomedical Engineering to be followed from 2016-17 batch under autonomous regulations 2015 with above modifications.

The Board of Department of Biomedical Engineering approves and recommends the following 3 credit theory courses to be offered to other departments to be followed from 2016-17 batch under autonomous regulation.

S.No	Course Title	L	T	P	C
1	Biomedical Instrumentation Systems	3	0	0	3
2	Computer Applications in Medicine	3	0	0	3
3	Forensic Science in Health Care	3	0	0	3
4	Nuclear Medicine	3	0	0	3

The Chairman thanked the members for their contribution and suggestions in framing the Curriculum and Syllabi for B.E of Biomedical Engineering to be followed from 2016-17 under Autonomous Regulations 2015.

  
 24/9/16  
 Chairman  
 Board of Studies  
 Biomedical Engineering  
 Chairperson  
 Board of Studies  
 Biomedical Engineering  
 Sethu Institute of Technology  
 Pulloor, Kariapatti - 626 115