

JERUSALEM COLLEGE OF ENGINEERING
(AnAutonomous institution affiliated by Anna University, Chennai)

**Minutes of the 1st meeting of Board of Studies for the Department of Biomedical Engineering
held on 22.07.2019 at 10: am in Board Room.**

Members present:

S. no.	Name	Category
1	Dr. Sheeja V. Francis, Prof. and HOD- BME Jerusalem College of Engineering	Chairman
2	Dr. S. Nirmala Devi, Associate Professor, Dept. Of ECE CEG, Anna University	Anna University Nominee
3	Dr.Thayalan, Principal, Radiation Physics Department Dr. Kamakshi Institute of Medical Sciences & Research, Pallikaranai, Chennai-100	Subject Expert
4	Dr. G. Velmathy, Professor, School of Electronics Engineering, VIT, Chennai	Subject Expert
5	Mr.GaneshBalasubramanian, Senior Deputy Director of Engineering, Amphenol OmniConnect India Pvt Ltd.	Industry
6	Mr. Sarathy K, Assistant Engineer, KilpaukMedical College Chennai-10.	Alumni

S.no.	Name	Category
7	Dr. J. Sivakamasundari, Associate Professor, Department of BME, Jerusalem College of Engineering.	Member
8	Dr. J. Sofia Bobby, Associate Professor, Department of BME Jerusalem College of Engineering.	Member
9	Ms. M.S. Jeyalakshmi, Assistant Professor, Department of BME, Jerusalem College of Engineering	Member
10	Ms. S. Purnima, Assistant Professor, Department of BME, Jerusalem College of Engineering.	Member
11	Ms. C.L. Annapoorani, Assistant Professor, Department of BME, Jerusalem College of Engineering.	Member

At the outset, the Chairman welcomed the members for attending the 1st meeting of the Board of Studies. The agenda points were discussed in detail as mentioned below:

Item No. 1- Ratification for continuation of Anna University Curriculum and Syllabi for II, III and IV year students under R2017 and R2013 respectively and II PG and II MBA of R2017, Anna University.

The Chairman informed the members that the present second and third year B.E (BME) students admitted under Anna University will continue to follow regulation 2017 and the present fourth year students under Anna University will follow regulation 2013. As the college has now been granted autonomous status, the Chairman sought approval from the members to continue with the same curriculum and syllabi with the flexibility of conducting examinations (both assessment and End Semester) through the office of Controller of Examinations, Jerusalem College of Engineering. To this, the members accepted to the proposal of the Chairman.

Item No. 2 - Approval of UG curriculum for Semester I – VIII

The Chairman presented the curriculum for B.E./B.Tech., programmes designed for R2019, to be followed from the academic year 2019-20. The presentation started by defining the PEOs, POs, PSOs and their mappings. The curriculum of each semester was discussed in detail and the summary of the number of credits allotted for each category was informed by the Chairman and the same was approved by the members.

- Circuits pertaining to Biomedical Application to be included in Electronic Circuits for Biomedical Engineers – Isolation Circuits, Patient Leakage Current Circuits.

Item No. 3 - Approval of Syllabi for the first year technical courses

The syllabi of the technical subjects that occur in the first and second semester of R2019 was presented by the Chairman. Suggestions given by members were incorporated and the syllabi were finalized as below.

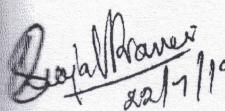
- Engineering Basics – Unit IV - I Sem
- Design Appreciation Laboratory – ECE Component - I Sem
 - Mini project that covers Passive Components and Soldering Techniques Studied may be included.
- Electric Circuits and Electronic Devices - II Sem
- Electric Circuits and Electronic Devices Laboratory - II Sem
 - Include UJT characteristics

Item No. 5- Methodologies for innovative Teaching and Evaluation Techniques

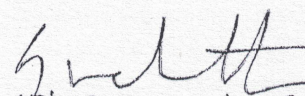
The Chairman suggested different innovative methods for teaching and evaluation. The members also gave suggestions and ideas that could be implemented for better teaching – learning environment. Suggestions given by members were

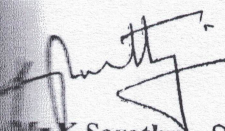
- Literature Survey & Report writing
- Journal Reading
- Simulation Studies

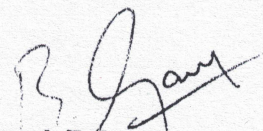
The meeting ended by the Chairman thanking all the members for their presence and overall suggestions which she ensured would be incorporated and forwarded to Academic Council.

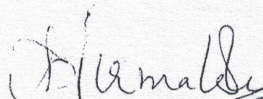

(Dr. Sheeja V. Francis)
CHAIRMAN


(Dr. K. Thayalan)
SUBJECT EXPERT1


(Dr. G. Velmathy) 22/7/19
SUBJECT EXPERT2


(Mr. K. Sarathy) 22/7/19
ALUMNI


(Mr. Ganesh Balasubramanian)
INDUSTRY EXPERT


(Dr. S. Nirmala Devi) 22/7/19
ANNA UNIVERSITY NOMINEE