

JERUSALEM COLLEGE OF ENGINEERING

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

19.07.2019

Minutes of the 1st meeting of Board of Studies for the Department of Electronics and Instrumentation Engineering held on 19-07-2019 at 11.30A.M. in Board Room, Jerusalem College of Engineering.

Members present:

- Dr.V.Jamuna, Professor and Head, EIE Dept., Jerusalem College of Engineering, Chairperson.
- Dr.P.Lakshmi Professor, EEE Dept., Anna University, CEG campus, Guindy, Anna University Nominee
- Dr.S.Rajendiran Associate Professor, EIE Dept., Pondicherry Engineering College, Pondicherry, Subject Expert 1.
- Dr.K.Vijayakumar Professor and Head, EEE Dept., SRM Institute of Science and Technology, Chennai, Subject Expert 2.
- Mr. Rajaganesan.G, Director, Technical Operation, VATIO Energy India Pvt.Ltd., Industry Representative
- Ms.D.Nivedhika Graduate Engineer, Aptiv components India Pvt. Ltd., Bangalore, Alumni
- Ms.S.Sivajothi Kavitha, Asst. Professor, EIE Dept., Jerusalem College of Engineering.
- Ms.D.Usha, Asst. Professor, EIE Dept., Jerusalem College of Engineering.
- Ms.K.Hemalatha, Asst. Professor, EIE Dept., Jerusalem College of Engineering.
- Ms.J.Anslin, Asst. Professor, EIE Dept., Jerusalem College of Engineering
- Mr.K.Selvasundar, Asst. Professor, EIE Dept., Jerusalem College of Engineering.
- Ms.S.Vinodha, Associate Professor, EIE Dept., Jerusalem College of Engineering, Member Secretary.

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.

The Chairman informed the members that the present second and third year B.E. 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 of R2019, Jerusalem
College of Engineering.

The Chairman presented the curriculum for B.E. – Electronics and Instrumentation Engineering programme 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.

- The BOS Committee suggested that the Online Courses shall be opted from Second year onwards.
- The BOS members suggested to revamp the Microprocessor and Microcontroller Syllabus.
- The Anna University Nominee strongly insisted to provide separate Control System Laboratory.
- The Digital and LIC labs shall be clubbed together.
- The Electives should satisfy the prerequisites and only one Open Elective should be given per semester.
- The project work should be Industry oriented and students should be motivated to perform Industry Projects.

Suggestions given by members were incorporated and the syllabi were finalized.

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.

The syllabi of the following technical courses that occur in the first and second semester of R2019 (CBCS) were presented by the Chairman.

- JGE1101-ENGINEERING BASICS- First semester
Unit 3- Electric circuits and Electrical Machines
- JGE1111-DESIGN APPRECIATION LABORATORY -First semester
Electrical Engineering Practice of Group B (Electrical and Electronics)
- JEE1201-CIRCUIT THEORY- Second semester
- JEE1211-ELECTRIC CIRCUIT LABORATORY- Second semester

Members of BOS suggested the following points in the syllabi of the above first year technical courses.

- In the circuit theory (JEE1201) subject, Unit 1(Basic circuit analysis and network reduction) and unit 2 (Network Theorems for DC and AC Circuits) can be combined as a single unit. Two port networks can be added as a separate unit.

- In Design Appreciation Laboratory (JGET111), experiments like usage of primary protective equipments and usage of measuring instruments could be added in Electrical Engineering Practice category in order to give training to students.

Suggestions given by members were incorporated and the syllabi were finalized.

Item No. 4 - Approval of the panel of Examiners (Both Internal & External) to be forwarded to Academic Council

The Chairman presented the list of internal and external examiners to the members. The members recommended the list to be forwarded to the Academic Council for approval. The lists are enclosed in Annexure -1 and Annexure -2 respectively. It was also resolved that additional names can be included after getting the approval in the subsequent Board of Studies meetings and Academic Council.

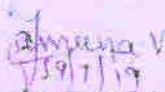
The BOS members suggested that the faculty members from Anna University may be included.

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.

Additional Remarks : Nil

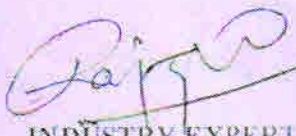
The meeting ended by the Chairman thanking all the members for their presence and overall suggestions which she ensured would be incorporated and forwarded to Academic Council.


CHAIRPERSON
(Dr.V.JAMUNA)


SUBJECT EXPERT1
(Dr.S.RAJENDIRAN)


SUBJECT EXPERT2
(Dr.K.VIJAYAKUMAR)


ALUMNI
(Ms.D.NIVEDHIKA)


INDUSTRY EXPERT
(Mr. RAJAGANESAN.G)


ANNA UNIVERSITY NOMINEE
(Dr.P.LAKSHMI)

JERUSALEM COLLEGE OF ENGINEERING
(An Autonomous Institution, Affiliated by Anna University, Chennai)
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
FIRST BOARD OF STUDIES MEETING

19.07.2019

Members:

S.No.	Name with Designation	Organization	Position	Signature
1.	Dr.V.Jamuna, Professor and Head, EIE Dept.	Jerusalem College of Engineering	Chairperson	<i>Jamuna V</i> 19/7/19
2.	Dr.P.Lakshmi Professor, EEE Dept.	Anna University, CEG campus, Guindy	Anna University Nominee - Member	<i>P Lakshmi</i> 19/7/19
3.	Dr.S.Rajendiran Associate Professor, EIE Dept.	Pondicherry Engineering College, Pondicherry.	Subject Expert - Member	<i>S.Rajendiran</i>
4.	Dr.K.Vijayakumar Professor and Head, EEE Dept.	SRM Institute of Science and Technology, Chennai.	Subject Expert - Member	<i>K.Vijayakumar</i> 19/7/19
5.	Mr. Rajaganesan.G, Director, Technical Operation	VATIO Energy India Pvt Ltd.	Industry Representative - Member	<i>Rajaganesan G</i>
6.	Ms.D.Nivedhika Graduate Engineer	Aptiv components India Pvt Ltd., Bangalore.	Alumni Member	<i>nivedhika</i>
7.	Ms.S.Sivajothi Kavitha, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	<i>S.Sivajothi</i>
8.	Ms.D.Usha, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	<i>D.Usha</i> 19/7/19
9.	Ms.K.Hemalatha, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	<i>K.Hemalatha</i> 19/7/19
10.	Ms.L.Sugasini, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	- ABSENT -
11.	Ms.J.Anslin, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	<i>J.Anslin</i>
12.	Mr.K.Selvasundar, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	<i>K.Selvasundar</i>
13.	Ms.R.Indhumathi, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	- ABSENT -
14.	Ms.S.Vinodha Associate Professor, EIE Dept.	Jerusalem College of Engineering	Member Secretary	<i>S.Vinodha</i>