

JERUSALEM COLLEGE OF ENGINEERING

[An Autonomous Institution affiliated to Anna University, Chennai]

01.07.2021

Minutes of the 3rd meeting of Board of Studies for the Department of Electronics and Instrumentation Engineering held on 01.07.2021 at 3.00 P.M. through Google Meet.

Members present:

- Dr.V.Jamuna, Professor, 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.
- Dr.S.Ramakrishnan, Professor and Head, EIE Dept., Jerusalem college of Engineering.
- 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.Anslyn, Asst. Professor, EIE Dept., Jerusalem College of Engineering.
- Ms.R.Indhumathi, 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 the 3rd meeting of the Board of Studies through Google Meet. The Chairman highlighted the distinctiveness of the curriculum designed for the undergraduate programme offered by the Department of Electronics and Instrumentation Engineering under regulation 2019 which was approved in the first and second Board of Studies meeting held on 19.07.2019 and 29.06.2020. She informed the members that this meeting was focused on finalization of syllabi of courses offered in the third year of respective study by considering all the suggestions given by the respected experts from University and Industry.

The agenda points were discussed in detail as mentioned below:

Item No. 1 - Approval of Syllabi for the UG courses offered in III year [5th and 6th semesters of Batch 2019 - 23] of the Department of Electronics and Instrumentation Engineering under R2019, Jerusalem college of Engineering

The syllabi of both theory and laboratory courses that are offered in the fifth and sixth semesters for undergraduate students following R2019 was presented by the Chairman. Suggestions given by members were incorporated and the syllabi were finalized.

- Dr.P.Lakshmi, Anna University Nominee and Dr. S.Rajendiran, Subject Expert were suggested to split and reframe the contents in Unit IV & V of process control subject. (6th semester professional core).

Item No. 2-Approval of syllabi of professional electives offered by the department in the 5th and 6th semester for the Batch 2019 - 23.

The list of professional electives to be offered in the fifth and sixth semester for undergraduate students of Batch 2019 - 23 was displayed by the Chairman and the syllabi of each of the courses was discussed and finalized.

- Members suggested to include the topics like tidal and Geo thermal renewable energy sources in Unit I of Power Plant Instrumentation (6th semester professional elective).

Item No. 3-Approval of syllabi of open electives offered by the department in the 5th and 6th semester for the Batch 2019 - 23.

The list of open electives to be offered in the fifth and sixth semester for undergraduate students of Batch 2019 - 23 was displayed by the Chairman and the syllabi of each of the courses was discussed and finalized.

- Dr.P.Lakshmi, Anna University Nominee and the Subject Expert, Dr.S.Rajendiran, suggested to change the subject name as Introduction to Analytical Instruments instead of Analytical Methods and Instrumentation (6th semester open elective).
- The Industry Expert, Mr.G.Rajaganesan suggested to include the topic smart meters in 5th unit of Smart sensors and its applications. Dr. K.Vijayakumar, Subject expert and Ms.D.Nivedhika, Alumni suggested to include Smart sensor technology for IoT in the 5th unit of Smart sensors and its applications (5th semester open elective).

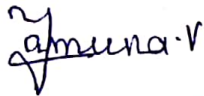
Item No.4 – Ratification and Approval of the revised panel of Examiners (Both Internal & External) to be forwarded to Academic Council

Members approved the revised list of internal and external examiners that was presented by the Chairman.

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

The Chairman elaborated on various digital teaching methods such as Google Meets, Zoom, Google Classroom, WhatsApp and other platforms which were adopted by faculty members for teaching and evaluation during this crisis period. The Chairman also highlighted the enthusiastic participation of their students and faculty in taking up value added courses through JCE COURSERA CAMPUS PROGRAM which was a huge success among JCE students and faculty.

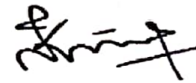
The meeting was ended by the Chairman thanking all the members for their presence and providing the overall suggestions which she ensured would be incorporated and forwarded to the Academic Council.



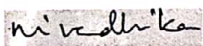
CHAIRPERSON
(Dr.V.JAMUNA)



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)