

JERUSALEM COLLEGE OF ENGINEERING
(An Autonomous Institution, Affiliated to Anna University, Chennai)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
MINUTES OF BOS MEETING HELD ON 14/05/2024

14.05.2024

Minutes of the 6th meeting of Board of Studies for the Department of Electronics and Communication Engineering held on 14-05-2024 at 10.30 a.m in the Board Room is furnished below.

Members present:

- Dr. Sheeja.V. Francis, Professor and Head, Dept. of ECE, Jerusalem College of Engineering, Chairman.
- Dr. M. Tamilarasi, Professor, Department of ECE, Pondicherry Technological University (PEC), Pondicherry, Anna University Nominee - Member
- Dr. C. Tharini, Professor & Dean School of Electronics & Communication Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai.
- Mr. Ganesh Balasubramanian, Senior Deputy Director of Engineering, Amphenol Omniconnect India Pvt Ltd, Industry Expert.
- Dr. K. Thayalan, Honorary Professor, Department of Medical Physics, AU, Guindy Campus. Subject Expert
- Mr. M. Sarathy Krishnan, Asst. Engineer, KMC, Chennai, Member-Alumni.
- Dr. P. Gnanasivam, Professor and Dean IR & TBI Dept. of ECE, Jerusalem College of Engineering.
- Dr. S. Arun, Professor and Dean R & D, Dept. of ECE, Jerusalem College of Engineering.
- Ms. S. Bhavanisankari, Associate Professor, Dept. of ECE, Jerusalem College of Engineering, Member
- Ms. G. T. Bharathy, Associate Professor, Dept. of ECE, Jerusalem College of Engineering, Member
- Ms. T. Tamilselvi, Associate Professor, Dept. of ECE, Jerusalem College of Engineering, Member
- Ms. K. Rajasranya, Assistant Professor, Dept. of ECE, Jerusalem College of Engineering, Member
- Mr. N. Kanniyappan, Assistant Professor, Dept. of ECE, Jerusalem College of Engineering, Member
- Ms. R. Malathy, Assistant Professor, Dept. of ECE, Jerusalem College of Engineering, Member.
- Ms. S. A. Saranya, Assistant Professor, Dept. of ECE, Jerusalem College of Engineering, Member.

The Chairperson welcomed the members for attending the 6th meeting of the Board of Studies. The following agenda points were discussed in detail for UG B.E.ECE Program under R2023.

1. Ratification and Approval of Syllabi for Courses to be offered in II Year (3rd and 4th Semester)

The Chairperson listed the II year subjects in B.E. – Electronics and Communication Engineering program designed for R2023 (CBCS) and presented the syllabus of the third and fourth semester subjects.

The second year subjects list is attached as annexure.

The following suggestions were given by the BOS members:

- In Electronics Circuits, Unit I power supply and DC converters to be replaced by BJT biasing and BJT amplifier, Unit II can be BJT biasing and BJT amplifier, Unit III can be Negative feedback amplifiers, Unit IV can be Oscillators and Tuned amplifiers and Unit V can be Power amplifiers.
- In Digital Electronics, Unit III, Logic families to be added is to be added.
- In ADC subject more importance can be given to analog and digital communication, and information theory unit can be removed and added as a separate subject in High Speed Communication verticals if possible.
- Course objectives and course outcomes to be included for e-Protoshop laboratory course.

The above mentioned suggestions have been incorporated in the respective subjects and verticals.

2. Ratification and Approval of Syllabi of Courses to be offered as Professional Electives (Specialization Verticals)

The Chairperson presented the syllabi of all the professional electives under seven different specialization verticals.

The professional elective list in the form of verticals is attached as annexure.

The following suggestions were given by the BOS members:

- In Sensors and IoT Verticals, the Sensors and Actuators subject and Sensors for Engineering Applications can be merged into a single subject and the Wireless Sensor Networks from High Speed Communication verticals can be included in Sensors and IoT Verticals if possible.

The above mentioned suggestions have been incorporated in the respective subjects.

3. Ratification and Approval of Syllabi of courses to be offered as Open Electives

The chairperson presented the syllabus of all the open elective subjects
The open elective list is attached as the annexure.

The following suggestion was given by the BOS members

- Some more applications can be included in the Microcontroller and its Applications

As per the above suggestion changes have been incorporated in the syllabus.

4. Ratification and Approval of revised panel of Internal and External examiners to be forwarded to the Academic Council

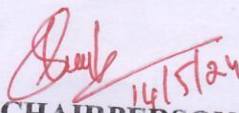
The Chairperson presented the list of internal and external examiners to the members. The members recommended the list be forwarded to the Academic Council for approval. The lists are enclosed in Annexure.

5. Methodologies for innovative teaching and evaluation techniques.

The Chairperson suggested different innovative methods for teaching and evaluation. The members also gave suggestions and ideas that could be implemented for better teaching – learning environment.

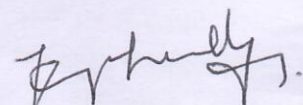
Additional Remarks:

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

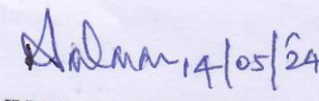

CHAIRPERSON
(Dr. SHEEJA V FRANCIS)


SUBJECT EXPERT 1
(DR.C.THARINI)


SUBJECT EXPERT 2
(Dr. K. THAYALAN)


ALUMNI
(Mr. M. SARATHY KRISHNAN)


INDUSTRY EXPERT
(Mr. GANESH BALASUBRAMANIAN)


ANNA UNIVERSITY MEMBER
(Dr. M. TAMILARASI)