

JERUSALEM COLLEGE OF ENGINEERING

[An Autonomous Institution affiliated to Anna University, Chennai]

06.07.2022

Minutes of the 4th meeting of Board of Studies for the Department of Electronics and Instrumentation Engineering held on 05.07.2022 at 11.00 P.M. through Google Meet.

Members present:

- Dr.V.Jamuna, Professor, Jerusalem College of Engineering, Chairperson.
- Dr.P.Ramesh Babu, Professor, EIE Dept., Puducherry Technological University, Puducherry, Anna University Nominee.
- Dr.K.Vijayakumar, Professor and Head, EEE Dept., SRM Institute of Science and Technology, Chennai, Subject Expert.
- Dr.M.Prabhakar, Professor, Centre for Smart Grid Technologies, Vellore Institute of Technology, Chennai, Subject Expert.
- Mr. Rajaganesan.G, Director, Technical Operation, VATIO Energy India Pvt. Ltd., Industry Representative.
- Ms.D.Nivedhika Software Engineer, ZF group, Chennai, Alumni.
- Dr.S.Ramakrishnan, Professor and Head, 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.
- Ms.R.Indhumathi, Asst Professor, EIE Dept., Jerusalem College of Engineering.
- Ms.S.Sivajothi Kavitha, Asst. Professor, EIE Dept., Jerusalem College of Engineering, Member Secretary.

At the outset, the Chairperson welcomed the members for the 4th meeting of the Board of Studies through Google Meet. The Chairperson 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 Board of Studies meeting held on 19.07.2019. She informed the members that this meeting was focused on finalization of syllabi of courses offered in the fourth 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 IV year [7th and 8th 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 seventh and eighth semesters for undergraduate students following R2019 was presented by the Chairperson. Suggestions given by members were incorporated and the syllabi were finalized.

- Dr.P.Ramesh Babu, Anna University Nominee suggested to add more PLC programmes and reduce the system design experiments in the Instrumentation System Design and Automation Laboratory. (7th semester Core Laboratory).
- Dr.P.Ramesh Babu, Anna University Nominee suggested to remove the experiments prescribed under PSPICE and add more experiments under Labview in the Simulation Laboratory for Electronics and Instrumentation Engineers Laboratory. (7th semester Core Laboratory).

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

Item No. 2-Approval of syllabi of professional electives offered by the department in the 7th and 8th semester for the Batch 2019 - 23.

The list of professional electives to be offered in the seventh and eighth 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.Ramesh Babu, Anna University Nominee suggested to combine the 4th and 5th units together and introduce Labview in the 5th unit in Modern Electronic Instrumentation Theory. (7th semester Professional Elective Theory).
- All the members suggested to rename the Principles of Robotics Subject as Robotics and Automation. (7th semester Professional Elective Theory).
- All the members suggested to combine the topics in Smart & wireless instrumentation and intelligent instrumentation subject (7th semester professional elective).
- All the members suggested to include Industrial Internet of Things as new Professional elective subject. (7th semester Professional Elective Theory).

Item No. 3-Approval of syllabi of open electives offered by the department in the 7th and 8th semester for the Batch 2019 - 23.

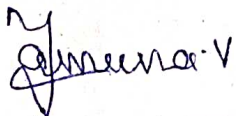
The list of open electives to be offered in the seventh and eighth semester for undergraduate students of Batch 2019 - 23 was displayed by the Chairman and the syllabi of each of the courses was discussed and finalized.

- Dr.P.Ramesh Babu, Anna University Nominee and the Subject Expert, Dr.K.Viyaya Kumar, suggested to reduce the content in the smart building automation open elective theory . (7th semester Open Elective Theory).

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.

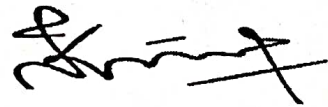
The meeting was ended by the Chairman thanking all the members for their presence and providing the overall suggestions which she ensured would be incorporated and forwarded to the Academic Council.



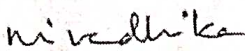
CHAIRPERSON
(Dr.V.JAMUNA)



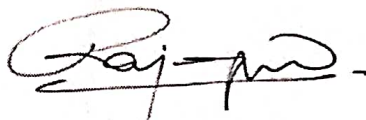
SUBJECT EXPERT1
(Dr.M.PRABHAKAR)



SUBJECT EXPERT2
(Dr.K.VIJAYAKUMAR)



ALUMNI
(Ms.D.NIVEDHIKA)



INDUSTRY EXPERT
(Mr. RAJAGANESAN.G)



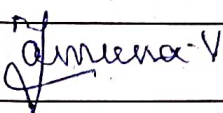
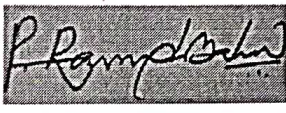
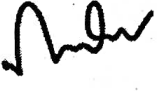
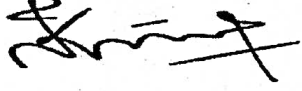
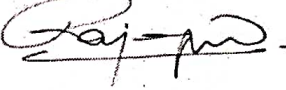
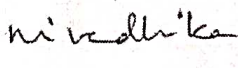
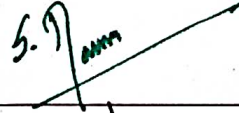
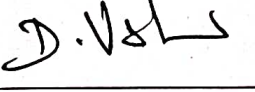
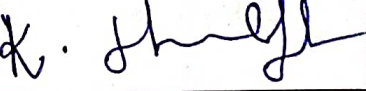
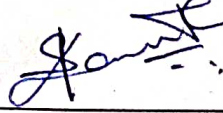
ANNA UNIVERSITY NOMINEE
(Dr.P.RAMESH BABU)

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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
FOURTH BOARD OF STUDIES MEETING

05.07.2022

Members:

S.No	Name with Designation	Organization	Position	Signature
1.	Dr.V.Jamuna, Professor	Jerusalem College of Engineering	Chairperson	
2.	Dr.P.Ramesh Babu Professor, EIE Dept.,	Puducherry Technological University, Puducherry	Anna University Nominee - Member	
3.	Dr.M.Prabhakar Professor, Centre for Smart Grid Technologies	Vellore Institute of Technology, Chennai	Subject Expert - Member	
4.	Dr.K.Vijayakumar Professor and Head, EEE Dept.	SRM Institute of Science and Technology, Chennai.	Subject Expert - Member	
5.	Mr. Rajaganesan.G, Director, Technical Operation	VATIO Energy India Pvt. Ltd.	Industry Representative - Member	
6.	Ms.D.Nivedhika Graduate Engineer	Software Engineer, ZF group, Chennai.	Alumni - Member	
7.	Dr.S.Ramakrishnan, Professor and Head, EIE Dept.	Jerusalem College of Engineering	Member	
8.	Ms.D.Usha, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	
9.	Ms.K.Hemalatha, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	
10.	Ms.J.Anslin, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	
11.	Ms.R.Indhumathi, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member	
12.	Ms.S.Sivajothi Kavitha, Asst. Professor, EIE Dept.	Jerusalem College of Engineering	Member Secretary	

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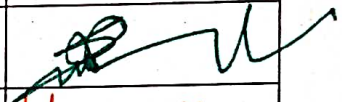
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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

FOURTH BOARD OF STUDIES MEETING

05.07.2022

Special Invitees:

S.No.	Name with Designation	Designation	Signature
1.	Dr. Ramesh S	Principal	
2.	Dr. P. Anuradha	Dean-Academics	