

JERUSALEM COLLEGE OF ENGINEERING

[An Autonomous Institution affiliated to Anna University]

06.07.2022

Minutes of the 4th meeting of Board of Studies for the Department of Electrical and Electronics Engineering held on 5th July 2022 at Chennai through Google Meet.

Members present:

S.no	Name	Category
1	Dr. V. Jamuna, Prof & HOD – EEE Jerusalem College of Engineering	Chairperson
2	Dr.P.Ramesh Babu Professor, EIE Dept., Puducherry Technological University, Puducherry	Anna University nominee
3	Dr. K.Vijayakumar Prof &HOD-EEE SRM Institute of Science and Technology.	Subject expert
4	Dr.M.Prabhakar, Professor, Centre for Smart Grid Technologies, Vellore Institute of Technology, Chennai.	Subject Expert
5	Mr. Raja Ganesan G. Director, Technical operation, VATIO Energy India PVT. Ltd	Industry Representative
6	Ms.D.Nivedhika, Software Engineer, ZF group, Chennai,	Alumni
7	Dr. N. Booma, Professor – EEE , Jerusalem College of Engineering	Member

S.no	Name	Category
8	Ms. Anuja Prashant Diwan Associate Professor-EEE Jerusalem College of Engineering	Member
9	Ms. S. Rudhra Assistant Professor-EEE Jerusalem College of Engineering	Member
10	Ms. PL. Revathy Assistant Professor-EEE Jerusalem College of Engineering	Member
11	Mr. J. Arul Prakash Assistant Professor-EEE Jerusalem College of Engineering	Member
12	Ms. R. Sripriya Asst. Professor - EEE . Jerusalem College of Engineering	Member
13	Ms. T.S. Anandhi Asst. Professor - EEE Jerusalem College of Engineering	Member
14	Dr. S. Vinod Associate Professor-EEE 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 Electrical and Electronics Engineering under regulation 2019 which was approved in the first Board of Studies meeting held on 19/07/2019. She also highlighted the distinctiveness of the curriculum designed for the postgraduate programme offered by the Department of Electrical and Electronics Engineering under regulation 2021 which was approved in the first Board of Studies meeting held on 01/07/2021. She informed the members that this meeting was focused on finalization of syllabi of courses offered in the fourth year of undergraduate programme and finalization of syllabi of courses offered in the second year of post undergraduate programme 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 Electrical and Electronics 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 was finalized.

Members of BOS suggested the following points in syllabi of fifth and sixth semester courses:

- In JEE1701 – E Vehicle: Electric Vehicle Chargers and Electric Vehicle Infrastructures can be introduced under one unit by rearranging existing five units into four units.
- All the members suggested to not mention the software package name in the syllabus. Various software packages can be used to realize the characteristics of photovoltaic system and wind energy conversion system through simulation experiments.

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

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

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

Members of BOS suggested the following points in syllabi of seventh and eighth semester professional and open elective courses:

- In JEE1014 - Distributed Generation and Microgrids: The regulatory standard can be mentioned as IEEE519 standard.
- In JEE1015 - Electric Energy Generation, Utilization and Conservation: Case study can be introduced to realize the illumination study.
- In JEE9010 – Introduction to E-Vehicles: Machines used for E vehicle application should be introduced as one unit. 4th and 5th units can be combined as single unit.

Suggestions given by members were incorporated and the syllabi was finalized. Also updated list of professional electives & Open elective subjects and revised syllabus are sent to BOS members for the approval.

Item No. 3 - Approval of Syllabi of core courses, Professional and open electives offered by the department in the 3rd and 4th semester for M.E. (PED) Batch 2021 - 23 under R2021 (CBCS).

The list of theory, laboratory courses, professional electives and open electives to be offered in the third and fourth semester for postgraduate students of Batch 2021 - 23 was displayed by the Chairperson and the syllabi of each of the courses was discussed and finalized.

Members of BOS suggested the following points in syllabi of Third and fourth semester courses:

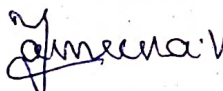
- In JPX5013 - SMPS and UPS - Solar UPS topic should be introduced. Various configurations of UPS can be included.

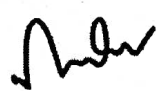
Suggestions given by members were incorporated and the syllabi was finalized.

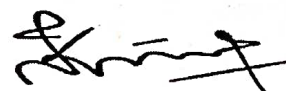
Item No. 4 - Ratification and Approval of the revised panel of Examiners (Both Internal & External) to be forwarded to Academic Council

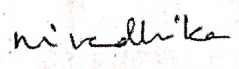
Members approved the revised list of internal and external examiners that was presented by the Chairman.

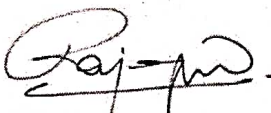
The meeting ended by the Chairman thanking all the members for their presence and overall suggestions which she ensured would be incorporated and forwarded to Academic Council.

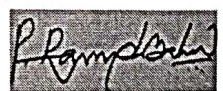

CHAIRPERSON
(Dr. V. JAMUNA)


SUBJECT EXPERT
(Dr. M. PRABHAKAR)


SUBJECT EXPERT
(Dr. K. VIJAYAKUMAR)


ALUMNI
(Ms. D. NIVEDHIKA)

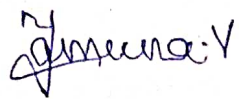
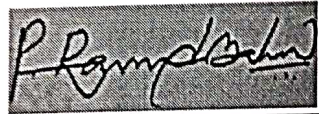
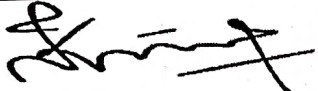
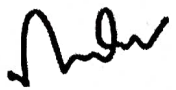
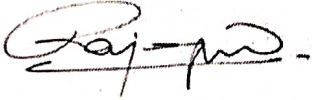
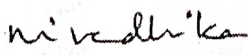
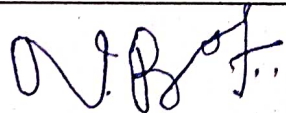
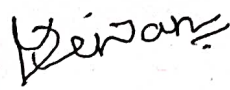
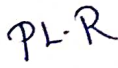

INDUSTRY EXPERT
(Mr. RAJAGANESAN. G)


ANNA UNIVERSITY NOMINEE
(Dr. P. RAMESH BABU)

JERUSALEM COLLEGE OF ENGINEERING
(An Autonomous Institution, Affiliated to Anna University, Chennai)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FOURTH BOARD OF STUDIES MEETING

06.07.2022

Members:

S.No.	Name with Designation	Organization	Position	Signature
1.	Dr.V.Jamuna, Professor and Head, EEE Dept.	Jerusalem College of Engineering	Chairperson	
2.	Dr.P.Ramesh Babu Professor, EIE Dept.,	Puducherry Technological University, Puducherry	Anna University Nominee - Member	
3.	Dr.K.Vijayakumar Professor and Head, EEE Dept.	SRM Institute of Science and Technology, Chennai.	Subject Expert - Member	
4.	Dr.M.Prabhakar, Professor, Centre for Smart Grid Technologies	Vellore Institute of 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.N.Booma Professor, EEE Dept.	Jerusalem College of Engineering	Member	
8.	Ms. Anuja Prashant Diwan Associate Professor, EEE Dept.	Jerusalem College of Engineering	Member	
9.	Ms. S. Rudhra, Asst. Professor, EEE Dept.	Jerusalem College of Engineering	Member	
10.	Ms. P.L. Revathy, Asst. Professor, EEE Dept.	Jerusalem College of Engineering	Member	
11.	Mr. J. Arul Prakash Asst. Professor, EEE Dept.	Jerusalem College of Engineering	Member	

12.	Ms. R. Sripriya Asst. Professor, EEE Dept.	Jerusalem College of Engineering	Member	
13.	Ms. T.S. Anandhi Asst. Professor, EEE Dept.	Jerusalem College of Engineering	Member	
14.	Dr. S. Vinod Associate Professor, EEE Dept.	Jerusalem College of Engineering	Member Secretary	

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DEPARTMENT OF ELECTRONICS AND ELECTRONICS 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	