

JERUSALEM COLLEGE OF ENGINEERING

[An Autonomous Institution affiliated to Anna University]

28.05.2024

Minutes of the 6th meeting of Board of Studies for the Department of Electrical and Electronics Engineering held on 28th May 2024 at Jerusalem college of Engineering in Board Room at 10.00 am

Members present:

S.no	Name	Category
1	Dr. S. Vinod Associate Professor & HOD- EEE Jerusalem College of Engineering	Chairman
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	Mr.S.Harish, Senior Embedded Software Engineering, Visteon, Chennai.	Alumni
7	Dr. S.Ramakrishnan, Professor – EEE Jerusalem College of Engineering	Member

S.no	Name	Category
8	Dr. V. Jamuna, Professor – EEE Jerusalem College of Engineering	Member
9	Dr. N. Booma, 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. S.Sivajothikavitha Asst. Professor - EEE . Jerusalem College of Engineering	Member
13	Ms. D.Usha Asst. Professor - EEE Jerusalem College of Engineering	Member
14	Ms. S. Rudhra Assistant Professor-EEE Jerusalem College of Engineering	Member Secretary

At the outset, the Chairman welcomed the members for the 6th meeting of the Board of Studies. The Chairman highlighted the successful completion of first batch under autonomous following R2019 .The chairman informed the members that this meeting was focused on finalization of syllabi of Second year subjects (III and IV Semester) under R2023 by considering all the suggestions given by the respected expert members.

The agenda points were discussed in detail as mentioned below:

Item No. 1 - Approval of Syllabi for the UG courses offered in II year [3rd and 4th semesters] of Department of Electrical and Electronics Engineering under R2023, Jerusalem college of Engineering

The syllabi of both theory and laboratory courses that are offered in the third and fourth semesters for undergraduate students following R2023 was presented by the Chairman. Suggestions given by members were incorporated and the syllabi was finalized.

Members of BOS suggested the following points in syllabi of third and fourth semesters courses:

- In JEE2301 – Electronic Devices and Circuits: Topics like Varactor diode , Tunnel Diode, LASCR can be removed , and Applications of Diodes and recent display devices should be added.
- JEE2303 – Electrical Machines - Permanent magnet synchronous motor can be included in Unit 5.
- JEE2311- Electronic Devices and Circuits Laboratory- Syllabus should be reframed for Study of DSO instead of CRO .
- In JEE2401 – Control and Instrumentation: Topics like Proximity sensors , strain guage sensors in unit 4 and Special meters like PQ meters , IOT enabled meters in Unit 5 should be added.

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

Item No. 2 - Approval of Professional Elective list in the form of verticals for UG Students, Department of Electrical and Electronics Engineering under R2023, Jerusalem college of Engineering(same as R2021).

The chairman proposed the syllabi of profession electives of R2021 will be followed for undergraduate students under R2023. The proposal was approved by all the members.

Item No. 3 – Approval of syllabi of open electives offered by the department in the 4th semester under R2023

The list of open electives to be offered in the fourth semester for undergraduate students following R2023 was displayed by the Chairman and the syllabi of each of the courses was discussed and finalized.

Members of BOS suggested the following points in syllabi of fourth semester open elective courses:

- In JEE9201 – Electrical Safety Engineering – Protective Equipment should be added in Unit I,
- In JEE9202 – Green Energy – Unit III and Unit IV should be merged as unit III, Unit V can be changed as Energy Storage systems .

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

Item No. 4 – Approval of syllabi for PG (M.E., Power Electronics and Drives) II Year students under R2023 (same as R2021).

The chairman proposed the syllabi of R2021 will be followed for M.E.,Power Electronics and Drives Programme, for second year students admitted in the academic year 2023-2024 under R2023. The proposal was approved by all the members.

Item No. 5 - Ratification and Approval of the revised panel of Examiners (Both Internal & External) to be forwarded to Academic Council

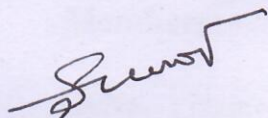
Members approved the revised list of internal and external examiners that was presented by the Chairman.

Item No. 6 - Methodologies for innovative Teaching and Evaluation Techniques

The Chairman elaborated on various digital teaching methods such as Google Meets, Zoom, Google Classroom, Cisco WebEx, and other platforms which were adopted by faculty members for teaching and evaluation.

Additional Remarks:

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



CHAIRMAN
(Dr.S.VINOD)



SUBJECT EXPERT
(Dr.M.PRABHAKAR)



SUBJECT EXPERT
(Dr.K.VIJAYAKUMAR)



ALUMNI
(Mr.S.HARISH)



INDUSTRY EXPERT
(Mr. RAJAGANESAN.G)

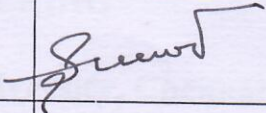
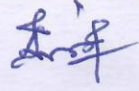
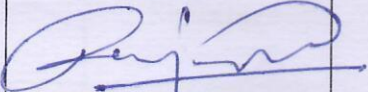
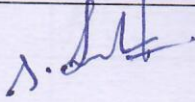
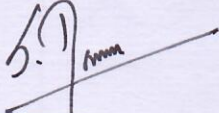
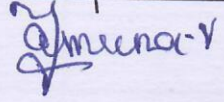
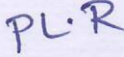


ANNAUNIVERSITY NOMINEE
(Dr.P.RAMESH BABU)

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

28.05.2024

Members:

S.No.	Name with Designation	Organization	Position	Signature
1.	Dr. S. Vinod Associate Professor &Head, EEE Dept.	Jerusalem College of Engineering	Chairman	
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.S.Harish Senior Embedded Software Engineer	Visteon, Chennai.	Alumni - Member	
7.	Dr.S.Ramakrishnan, Professor ,EEE Dept.	Jerusalem College of Engineering	Member	
8.	Dr.V.Jamuna, Professor, EEE Dept.	Jerusalem College of Engineering	Member	
9.	Dr.N.Booma 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. S.Sivajothi Kavitha Asst. Professor, EEE Dept.	Jerusalem College of Engineering	Member	

13.	Ms. D.Usha Asst. Professor, EEE Dept.	Jerusalem College of Engineering	Member	<i>D. Usha</i>
14.	Ms. S. Rudhra, Asst. Professor, EEE Dept.	Jerusalem College of Engineering	Member Secretary	<i>S. Rudhra</i>

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

DEPARTMENT OF ELECTRONICS AND ELECTRONICS ENGINEERING

SIXTH BOARD OF STUDIES MEETING

28.05.2024

Special Invitees:

S.No.	Name with Designation	Designation	Signature
1.	<i>Dr. P. Anuradha</i>	<i>Prof & Dean</i>	<i>Anuradha</i> 28/5/24