

**K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM- 630612.**

Sivagangai District

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

Ref: KLNCE/BoS/EEE/2025

21.04.2025

**Eighth Board of Studies meeting-15.04.2025**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Minutes of the Meeting**

The Eighth Board of Studies (BoS) meeting of the Department of Electrical and Electronics Engineering was held on 15<sup>th</sup> April 2025, at 11:00am.

<b>MEMBERS PRESENT:</b>		
1.	Dr.S.M.Kannan, Professor & Head, Department of Electrical and Electronics Engineering. K.L.N. College of Engineering.	Chairman
2.	Dr.R.Rajanprakash, Associate Professor/EEE, Thiagarajar College of Engineering, Madurai	Expert nominated by the Vice-Chancellor, Anna University, Chennai
3.	Dr.S.SenthilKumar, Associate Professor/EEE, National Institute of Technology, Tiruchirapalli.	Subject expert from outside the Parent University
4.	Dr. S.Kuruseelan, Associate Professor/EEE, School of Electrical Engineering (SELECT), Vellore Institute of Technology, Chennai.	
5.	B.Vinoth, Manager, Peninsula Electronics, Bengaluru	Member representing corporate sector, College alumni
6.	Dr.S.Venkatesan, Professor, EEE	Internal members
7.	Dr.K.Gnanambal, Professor, EEE	
8.	Mr.A.Marimuthu, Associate Professor/EEE	
9.	Dr.P.Loganthurai, Associate Professor/EEE	
10.	Dr.M.Jegadeesan, Associate Professor/EEE	

Dr.S.M.Kannan, Chairman, Board of studies (BoS), Electrical and Electronics Engineering, welcomed all the members present. He introduced BoS members. The internal members introduced themselves.

Chairman, briefed the minutes of the Seventh Board of Studies meeting held on 10<sup>th</sup> January 2025. During the meeting, the members approved the following, after incorporating the suggestions given by them.

**1. BoS.07.01.01.: B.E.-Electrical and Electronics Engineering program-curriculum and syllabus - III semester and Curriculum of IV semester (Regulation 2024)-to be approved and followed from the Academic year 2025-2026. (for those students admitted from the academic year 2024-2025).**

**2. Online courses for credit transfer.**

The minutes of the Seventh Board of Studies meeting held on 10<sup>th</sup> January 2025, were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the Ninth Academic council meeting held on 8<sup>th</sup> February 2025.

**BoS 08.01: Business brought forwarded by the Chairman, BoS.**

**To consider and approve**

**1. B.E.EEE- IV semester -curriculum and syllabus (Regulation 2024), to be followed from the academic year 2025-2026.**

**2. Approval request for the re-admitted student – S.Kayalvizhi (Anna University Register No. 910620102024) and equivalent courses to be studied for a student who has rejoined in the IV semester of the current academic year 2024-2025. (The student who had been admitted in the first year during 2020-2021, not continued due to shortage of attendance during the even semester of 2021-2022).**

Dr.S.M.Kannan, Chairman, presented the proposed, IV semester B.E. Electrical and Electronics Engineering, curriculum and syllabus, (R2024). He informed that the curriculum was framed as per the guidelines of AICTE and Anna University, Chennai. The detailed syllabus includes objectives, five course outcomes, one of which should be atleast apply level, recent publications of text and reference books. Most of the courses are already approved in the previous BoS meeting as per R2024, chairman informed.

The Chairman presented the approval request for the re-admitted student – S.Kayalvizhi (Anna University Register No. 910620102024), to continue her study along with the IV semester students of B.E. -EEE from the academic year 2024-2025(Regulation 2020). (Reference: Lr.No.000171/J1/2025 Dated 18.03.2025, Department of Technical Education). Also, he presented the additional courses to be studied, i).தமிழர் மரபு /Heritage of Tamil ii) தமிழரும் தொழில்நுட்பமும்/Tamils and Technology (# Credit assigned will not be taken into account for GPA calculations), as per R2020 ( applicable for those students admitted in the first year during the academic year 2023-2024).

The members had through discussion and suggested the following.

Dr.R.Rajanprakash:

- Content of the course, Transmission and Distribution in IV semester May be suitably reduced.
- Mini project work in the IV semester may be based on fundamentals of core concepts, preferably covering the III/IV semester curriculum

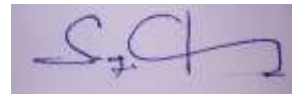
**BoS.08.01.01.: Resolved to approve**

**1.B.E.-Electrical and Electronics Engineering program-curriculum and syllabus – IV semester. (Regulation 2024)- to be followed from the Academic year 2025-2026. (for those students admitted in first year from the AY 2024-2025).**

**2. The approval request for the re-admitted student – S.Kayalvizhi (Anna University Register No. 910620102024), to continue her study along with the IV semester students of B.E. -EEE from the academic year 2024-2025(Regulation 2020). The additional courses to be studied are i).தமிழர் மரபு /Heritage of Tamil ii) தமிழரும் தொழில்நுட்பமும்/Tamils and Technology (# Credit assigned will not be taken into account for GPA calculations), as per R2020 ( applicable for those students admitted in the first year during the academic year 2023-2024).**

Board of studies recommended the above resolutions to be presented in the **Academic Council for further approval.**

Dr.K.Gnanambal, Professor/EEE, thanked all the members for their kind cooperation and the meeting came to an end.



Chairman /BoS

Cc to above members.

# **K.L.N. COLLEGE OF ENGINEERING**

**POTTAPALAYAM – 630 612, SIVAGANGAI DISTRICT**

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



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**EIGHTH BOARD OF STUDIES MEETING – MINUTES**

**VENUE: BOARD ROOM, PG BLOCK**

**DATE: 22.04.2025**

**(TUESDAY)**

**TIME 10:00AM**

**Minutes of EIGHTH Board of Studies  
Meeting held on 22/04/2025 at 10am.**

**Mode: Hybrid**

**(Meeting Link: <https://meet.google.com/bsq-gugd-daw>)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

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**[www.klnce.edu](http://www.klnce.edu)**

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**EIGHTH BOARD OF STUDIES MEETING – MINUTES**

**Mode: Hybrid**

**(Meeting Link: <https://meet.google.com/bsq-gugd-daw>)**

**Date & Time: 22.04.2025 (Tuesday) &10:00am**

**Venue: Board Room, PG Block**

**AGENDA**

The Eighth Board of Studies Meeting was convened to get the approval for the Proposed, Detailed syllabus of IV semester - B.E ECE, R2024

BoS /ECE 8.1:	Welcome address
BoS /ECE 8.2:	Review of Minutes ofSeventh Board of Studies Meeting for the Department Of Electronics And Communication Engineering held on 9 <sup>th</sup> December 2024 and action taken report for the Seventh meeting of Board of studies
BoS /ECE 8.3:	Business brought forward by the Chairman, Board of Studies Detailed Syllabus of Fourth SemesterR2024 B.E., (Electronics and Communication Engineering) Program for the students admitted from the Academic year 2024 onwards.
BoS /ECE 8.4:	Suggestion given by the BoS Members
BoS /ECE 8.5:	Vote of Thanks

# K.L.N. COLLEGE OF ENGINEERINGPOTTAPALAYAM – 630 612

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### MINUTES OF MEETING

Eighth Board of studies meeting for Electronics and Communication Engineering department of K.L.N.College of Engineering was held on 22<sup>nd</sup> April 2025 at10 :00 am in Board Room , PG Block through Hybrid Mode.

(Meeting Link: <https://meet.google.com/bsq-gugd-daw>)

The following members were Present

#### 1. Two subject experts from outside the Parent University to be nominated by the Academic Council.

S.No.	Name of Member	Designation / Department	Institution Name	Contact Details
1.	Dr.S.Geetha	Professor and Associate Dean (Research), School of Computer Science and Engineering	Vellore Institute of Technology, Chennai	Mobile : 9842550862 E-mail :geetha.s@vit.ac.in
2.	Dr.R.Pandeeswari	Associate Professor/ECE	National Institute of Technology Tiruchirappalli	Mobile :9952892216 E-mail :rpands@nitt.edu

#### 2. One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college principal.

S.No.	Name of Member	Designation / Department	Institution Name	Contact Details
1.	Dr.R.A.Alaguraja	Professor/ECE	Thiagarajar College of Engineering, Madurai	Mobile :9442088815 E-mail :alaguraja@tce.edu

**3. One representative from industry/corporate sector/allied area relating to placement.**

<b>S.No.</b>	<b>Name of Member</b>	<b>Designation</b>	<b>Name of the industry</b>	<b>Contact Details</b>
1.	Mr.A.Saravana Pandian	Chief Executive Officer	Embien Technologies India Private Limited, Madurai	Mobile :90039 11225 E-mail :pandian@embien.com


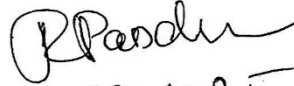


**4. One meritorious alumnus to be nominated by the principal.**

<b>S.No</b>	<b>Name of Member</b>	<b>Designation</b>	<b>Name of the Industry/ Institute</b>	<b>Contact Details</b>
1.	Mr.N.Balakrishnan	Group Technical Manager, Telecom and Semiconductor Division	HCL Technologies, Bangalore	Mobile :9741100117 E-mail :haibalki@gmail.com

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**Eighth Board of Studies Meeting**

Date 22.04.2025

**MEMBERS PRESENT**

















S.No	Name and Designation of the BoS committee Members	Signature
1	Dr.R.A.Alaguraja Professor/ECE Thiagarajar College of Engineering, Madurai <b>ANNA UNIVERSITY NOMINEE</b>	 22/04/25
2	Dr.R.Pandeeswari Professor/ECE National Institute of Technology Tiruchirappalli <b>SUBJECT EXPERT</b> Other University Nominee	 22.4.25
3	Dr.S.Geetha Professor and Associate Dean (Research), School of Computer Science and Engineering Vellore Institute of Technology, Chennai <b>SUBJECT EXPERT</b> Other University Nominee	
4	Mr.A.Saravana Pandian Chief Executive Officer Embien Technologies India Private Limited, Madurai <b>INDUSTRY EXPERT</b>	In - absentia
5	Mr.N.Balakrishnan Group Technical Manager, Telecom and Semiconductor Division HCL Technologies, Bangalore <b>MERITORIOUS ALUMNUS</b>	 22/4/25

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date 22.04.2025

EIGHTH BOARD OF STUDIES MEETING







MEMBERS PRESENT

S.No	Name of the faculty	Designation	Signature
1.	Dr.V.KEJALAKSHMI, BoS Chairman	Professor and Head	
2.	Dr.S.C.SIVAPRAKASH, BoS Member	Professor	
3.	Dr.R.JEYANTHI, BoS Member	Professor	
4.	Dr.N.JANAKIRAMAN, BoS Member	Professor	
5.	Dr.S.NAGAMMAI, BoS Member	Professor	
6.	Mr.S.R.NARESH, BoS Member	Associate Professor	
7.	Dr.P.KARPAGAVALLI, BoS Member	Associate Professor	
8.	Dr.S.SUBHA, BoS Member	Associate Professor	
9.	Dr.P.S.KUMARESH, BoS Member	Associate Professor	
10.	Dr.T.R.MUTHU, BoS Member	Associate Professor	
11.	Ms.L.MEENAKSHI, BoS Member	Associate Professor	
12.	Mrs.R.THILAGAVATHY, BoS Member	Assistant Professor (Sr. Gr.)	
13.	Mrs.M.AMUDHA, BoS Member	Assistant Professor (Sr. Gr.)	
14.	Mr.S.RAVI SANKAR, BoS Member	Assistant Professor	
15.	Mr.D.ANAND, BoS Member	Assistant Professor	
16.	Mrs.R.PAVITHRA, BoS Member	Assistant Professor	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
Date 22.04.2025

EIGHTH BOARD OF STUDIES MEETING

MEMBERS PRESENT

17.	Mr.S.SELVA KUMAR, BoS Member	Assistant Professor	
18.	Mrs.C.SASIREKHA, BoS Member	Assistant Professor	ABSENT.
19.	Mrs.T.SUGUMARI, BoS Member	Assistant Professor	
20.	Mrs.R.ANGAYARKANNI, BoS Member	Assistant Professor	
21.	Mr.B.BALAN, BoS Member	Assistant Professor	
22.	Mrs.A.V.VEERA SIVAGAMI PANDI BoS Member	Assistant Professor	
23.	Mrs.J.THILAGAVATHI, BoS Member	Assistant Professor	

<b>BoS / ECE 7.1:</b>	<p><b>WELCOME ADDRESS AND OPENING REMARKS BY</b></p> <p><b>Dr.R JEYANTHI, PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING</b></p> <p>Dr.R.Jeyanthi, professor of the Electronics and Communication Engineering welcomed and introduced the members of 8th Board of Studies and thanked each of them for sparing their valuable time to attend the meeting.</p>
<b>BoS / ECE 7.2:</b>	<p><b>TO CONFIRM THE MINUTES OF SEVENTH BOS MEETING HELD ON 9.12.2024</b></p> <p>The minutes of Seventh Board of Studies meeting held on 9.12.2024 were communicated to members. The comments received have been incorporated and same was approved by the 9<sup>th</sup> academic Council meeting held on 10.05 2025.</p>
<b>BoS / ECE 7.3.2:</b>	<p><b>TO CONFIRM AND APPROVE</b></p> <p>Detailed syllabus of IV Semester.</p> <p><b>RESOLVED TO APPROVE</b></p> <p>Proposed Syllabus with modification.</p>
<b>BoS / ECE 7.4:</b>	<p><b>SUGGESTIONS GIVEN BY THE MEMBERS:</b></p> <p>The members had a deep discussion with the department members and gave the following suggestions.</p>

**Following are the suggestions provided by Expert members for U.G**

- AU Nominee Dr.R.A.Alaguraja, Professor at Thiagarajar College of Engineering, Madurai, analyzed and reviewed the mathematics subjects in the I, II, and III semesters and ensured that the depth of transform topics needed for signals and systems course is included .
- Dr.R.A.Alaguraja, Professor, suggested that the performance analysis of analog modulation (Amplitude Modulation and Frequency modulation) to be included in the course 24EC401- Random Process and Communication Systems. Also he suggested moving the information theory unit to 24EC502 Digital communication techniques course.
- Dr.R.Pandeeswari, Professor at the National Institute of Technology, Tiruchirappalli, has recommended including various types of noise as one Unit. Furthermore, she suggested that the latest editions of textbooks to be added to the textbook list.
- Dr.R.Pandeeswari, Professor, suggested reducing the Unit I syllabus of the course Electromagnetic Fields. The unit can start with the topic of the coordinate system, and she suggested including a review of vector algebra topic.
- Dr. R.A.Alaguraja, a Professor, proposed that the course title for Unit II, “Linear and Nonlinear Applications Of Opamp" in the "Linear Integrated Circuits" course to be changed as "Linear and Non-Linear Amplifiers."
- Dr.R.Pandeeswari, Professor, informed that the title of the course 'Control System Engineering' can be changed to 'Control Systems Engineering'.

- Dr.S.Geetha, Professor and Associate Dean (Research) at Vellore Institute of Technology, Chennai, has suggested a structured sequence of courses, with advanced topics incorporated in vertical.
- Mr. N. Balakrishnan, a renowned alumnus, has given the following suggestion regarding the course of Microprocessors and Microcontrollers that AXI protocol and APB protocol can be included.
- Dr. R.A. Alaguraja, Professor, suggested removing the word 'IC741' from each experiment and instead mentioning it once under the main topic. He also recommended specifying 'IC555' only for the relevant experiments and including some experiments that use IC555 in the Linear Integrated Circuits Lab practical course.
- Dr.R.A. Alaguraja, Professor, has given the following suggestions regarding the practical course of the Micro Project: The objective and system design should be clarified, IC-based experiments are not needed, and product-based and application-based topics should be included. He also suggested motivating the students to come up with their own topics and apply for patents.

<b>BoS / ECE 7.5:</b>	<p><b>Vote of Thanks</b></p> <p>Mr.S.Ravisankar, Assistant Professor thanked all the members for their valuable suggestions and kind cooperation.</p>
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### **Meeting Follow-up actions taken**

- Based on the suggestions given by the members, BoS resolved to recommend the following to the Academic council for further approval.
- As recommended, various types of noise are included in Unit III, as the unit name is "Noise," and the topic "Performance Analysis of Modulation (Amplitude and Frequency Modulation)" should be included in Units IV and V of the course Random Process.
- As suggested, the latest editions of textbooks should be added to the textbook list for the course Random Process.
- As instructed, the unit on Information Theory should be moved to the 24EC502 Digital Communication course.
- As per the expert's as recommended for the course Electromagnetic Fields, Unit I has started with the topic "Coordinate System and the topic "Review of Vector Algebra" removed.
- As per experts suggested, the course title for Unit II in the Linear Integrated Circuits subject, currently "Linear and Non-Linear Amplifiers" changed to "Linear and Nonlinear Applications Of Op-amp." of the Linear Integrated Circuits course.
- The course title "Control System Engineering" revised to "Control Systems Engineering."
- As per the expert's suggested, a structured sequence and advanced courses included in

vertical.

- Based on the expert's suggestion, the AXI protocol and APB protocol included in the Microprocessors and Microcontrollers course.
- It was suggested to remove the word 'IC741' from each experiment and instead mention it once under the relevant topic. Additionally, it was recommended to specify 'IC555' only for the relevant experiments and to include some experiments using IC555 in the practical course Linear Integrated Circuits Lab.
- As per the experts' advice, the objective was clarified, and product-based experiments problem statements were included with SDG alignment.



**CHAIRMAN/ECE BOARD**

ENCL:

1.Modified Curriculum for B.E(Electronics and Communication)

2.Detailed syllabus of Third Semester

3.List of Credit transfer course for Jan-Apr-2025

4.Value added course

CC to General Body, Academic Council, Principal, File



GPS Map Camera

### Sivaganga, Tamil Nadu, India

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Sivaganga, Tamil Nadu 630611, India  
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22/04/2025 10:39 AM GMT +05:30





**Sivaganga, Tamil Nadu, India**

R5m6+vmv, Tamil Nadu 630611, India,  
Sivaganga, Tamil Nadu 630611, India  
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22/04/2025 10:40 AM GMT +05:30



**Sivaganga, Tamil Nadu, India**

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