

# **ERODE SENGUNTHAR ENGINEERING COLLEGE**

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

PERUNDURAI, ERODE - 638 057



Department of Electronics and Instrumentation Engineering

## **6<sup>th</sup> BOARD OF STUDIES MEETING**

30<sup>th</sup> May 2023 @ 02.30 p.m.

ZOOM ONLINE MEET

<https://us06web.zoom.us/j/84596601039?pwd=bXROaXArWGVPODM4bllDdk1HSTRqZz09>



# ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,  
Accredited by National Board of Accreditation (NBA), New Delhi &  
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade  
PERUNDURAI -638 057, TAMILNADU, INDIA.



## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

### 6th Board of Studies BOS MEMBERS

1.	<b>Prof.T.Maris Murugan,</b> Associate Professor & Head, Department of Electronics and Instrumentation, Erode Sengunthar Engineering College, Perundurai.	<b>Chairman</b>
2.	<b>Dr.S.Geetha</b> Associate Professor, Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology, Coimbatore.	<b>University Nominee</b>
3.	<b>Dr. P. Subha Hency Jose</b> Associate Professor, Biomedical Engineering, Karunya University, Coimbatore.	<b>Academic Experts</b>
4.	<b>Er. S.Subbain</b> Product Manager, Shri Jai Sharath Automation & Engineering Solution, TS/77, 2ndFloor, Thiru.Vi.Ka. Industrial Estate, Ekkatruthangal, Chennai - 600 032	<b>Industrial Expert related to Placement</b>
5.	<b>Er. Sivasai Thota,</b> SDET, Lyric.Tech, Chennai.	<b>Meritorious Alumnus nominated by the Principal</b>
6.	<b>Dr.P.Elamurugan,</b> Associate Professor/EIE	<b>Internal Members</b>
7.	<b>Mr.P.Suresh Kumar,</b> Assistant Professor (Sr.Gr.)/ EIE	
8.	<b>Mr.E.Sathish,,</b> Assistant Professor / EIE	
9.	<b>Mr.P.Senthil Kumar,</b> Assistant Professor / EIE	
10.	<b>Ms. C.Jayabharathi,</b> Assistant Professor / EIE	
11.	<b>Ms. G. Revathy,</b> Assistant Professor / EIE	



# ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)  
Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,  
Accredited by National Board of Accreditation (NBA), New Delhi &  
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade  
PERUNDURAI -638 057, TAMILNADU, INDIA.



## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

### 6<sup>th</sup> Board of Studies Meeting

Meeting Link: Zoom Meeting ID:

<https://us06web.zoom.us/j/84056849355?pwd=WGpRUlISVThWMG55YmVtNlRaeYBqUT09>

Date & Time: 30.05.2023 & 02.30 PM

### AGENDA

The 6<sup>th</sup> Board of Studies Meeting is convened on 30.05.2023 at 02.00 PM. The agenda for the meeting is as follows.

BoS /EIE 6.1	:	Welcoming New Board of Studies members and opening remarks by the Chairman, Board of Studies, Department of Electronics and Instrumentation Engineering.
BoS /EIE 6.2	:	Confirmation of the Minutes of 05 <sup>th</sup> Board of Studies Meeting and Action taken report of 05 <sup>th</sup> Board of Studies meeting.
BoS /EIE 6.3	:	Review of Curriculum for the B.E. Electronics and Instrumentation Engineering programme offered under Regulation 2023.
BoS /EIE 6.4	:	Review of Syllabus for the First Two Semesters for the B.E. Electronics and Instrumentation Engineering programme offered under Regulation 2023.
BoS /EIE 6.5	:	Review of Vertical Courses identified for the B.E. Electronics and Instrumentation Engineering programme offered under Regulation 2023.
BoS /EIE 6.6	:	Review of Tamil courses for the B.E. Electronics and Instrumentation Engineering programme students admitted in 2022-23 and 2023-24 as per Anna University direction.
BoS /EIE 6.7	:	Review of Syllabi of Courses offered to other departments
BoS /EIE 6.8	:	Confirmation and Approval of Verticals for awarding Honors, Honors with Specialization and Minor Degree - B.E. Electronics and Instrumentation Engineering in Regulations 2019 for students admitted in the Academic Year 2021-22 onwards as per the direction of Anna University (Letter No. 5749/AU/CAC/Honors/2022 dated 16.11.2022)
BoS /EIE 6.9	:	Any other items

  
CHAIRMAN

BOARD OF STUDIES – EIE

Chairman - BoS  
Dept. of EIE - ESEC

BoS /EIE 6.1	<p><b>Welcome address and opening remarks by Chairman, Board of Studies.</b></p> <p>The Chairman of the Board of Studies welcomed all the members to the meeting for discussing proposed B.E. – Electronics and Instrumentation Engineering curriculum of all semesters and syllabus of I &amp; II semesters under the Regulations 2023. The members presented in the Board of Studies Meeting are given in Annexure I.</p>
BoS /EIE 6.2	<p><b>Confirmation of the Minutes of 05<sup>th</sup> Board of Studies Meeting and Action taken report of 05<sup>th</sup> Board of Studies meeting.</b></p> <p><b>Discussion</b></p> <p>The Chairman, presented the Minutes of 5<sup>th</sup> Board of Studies Meeting which was held on 16.12.2022 and action taken report of the same.</p> <p><b>Resolution</b></p> <p>It is resolved to recommend the Minutes of 5<sup>th</sup> Board of Studies Meeting and action taken report of the same is submitted to the Academic Council for approval.</p>
BoS /EIE 6.3	<p><b>Review of curriculum for the B.E. Electronics and Instrumentation Engineering programme offered under Regulation 2023.</b></p> <p><b>Discussion</b></p> <p>Dr. P. Subha Hency Jose, AsP/BME, Karunya University, Coimbatore, suggested to include a course Embedded System integrated with IoT to enhance student placement. The Chairman agreed to include the same.</p> <p><b>Resolution</b></p> <p>It is resolved to recommend the curriculum for the B.E. Electronics and Instrumentation Engineering programme under Regulations 2023 and the same is submitted to the Academic Council for approval.</p>
BoS /EIE 6.4	<p><b>Review of syllabus for the first and second semesters for the B.E. Electronics and Instrumentation Engineering programme offered under Regulation 2023.</b></p> <p><b>Discussion</b></p> <p>The Chairman, presented syllabus belongs to first and second semester for the B.E. Electronics and Instrumentation Engineering programme offered under Regulations 2023. The BoS members approved the same.</p>



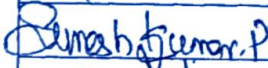



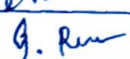
	<p><b>Dr.S.Geetha, AsP/EEE/CIT/Coimbatore, suggested providing group assignments to do like a small prototype of circuits in "Electric Circuit Analysis" course.</b></p> <p><b>Dr. P. Subha Hency Jose, AsP/BME, Karunya University, Coimbatore,</b> suggested to include some simulation oriented experiments in the laboratory course named "Electric Circuits Laboratory" for 2nd semester. The Chairman agreed to incorporate the suggestions as such.</p> <p><b>Dr. P. Subha Hency Jose, AsP/BME, Karunya University, Coimbatore and Ex. S.Subbain, Product Manager, Shri Jal Sharanth Automation &amp; Engineering Solution, appreciated the syllabus formation of B.E. EIE under Regulations 2023.</b></p> <p><b>Resolution</b></p> <p>It is resolved to recommend the B.E. - BIE syllabus under Regulations 2023 and same is submitted to the Academic Council for Approval.</p>
BoS /EIE 6.5	<p><b>Review of vertical courses identified for the B.E. Electronics and Instrumentation Engineering programme offered under Regulation 2023</b></p>
	<p>The Chairman presented the vertical courses identified for the B.E. Electronics and Instrumentation Engineering programme offered under Regulations 2023. The BoS members approved the same.</p> <p><b>Dr.S.Geetha, AsP/EEE/CIT/Coimbatore, suggested to include Biomedical application oriented course in the vertical courses for B.E. EIE programme offered under Regulation 2023. The Chairman agreed to include the same.</b></p> <p><b>Er. Sivasai Thota, SDET, Lyric.tech, Chennai, suggested to include "Introduction to Artificial Intelligence and Machine Learning" in vertical courses under Regulation 2023. The Chairman agreed to include the same.</b></p> <p><b>Resolution</b></p> <p>It is resolved to recommend the Vertical Courses under Regulation 2023 and same is submitted to the Academic Council for Approval.</p>
BoS /EIE 6.6	<p><b>Review of Tamil courses for the B.E. Electronics and Instrumentation Engineering programme students admitted in 2022-23 and 2023-24 as per Anna University direction.</b></p>
	<p><b>Dr.S.Geetha, AsP/EEE/CIT/Coimbatore, she enquired about delivery method for the course "Tamil Heritage &amp; Tamils and Technologies course" for different State students and NRI students. The Chairman replied that, the faculty who are interested in Tamil Literature and who take part in Tamil Mandram activities are handling these subjects for the students knows very well in speaking and writing in Tamil, for others the same courses is handled by English department faculty with the inputs and direction of the course coordinator.</b></p>

BoS /EIE 6.7	<p><b>Review of syllabi of courses offered to other departments</b></p> <p>The Chairman presented the Syllabi of Courses offered to other department under Regulations 2023. The BoS members approved the same.</p>
BoS /EIE 6.8	<p>Confirmation and Approval of Verticals for awarding Honors, Honors with Specialization and Minor Degree - B.E. Electronics and Instrumentation Engineering in Regulations 2019 for students admitted in the Academic Year 2021-22 onwards as per the direction of Anna University (Letter No. 5749/AU/CAC/Honors/2022 dated 16.11.2022)</p> <p><b>Discussion</b></p> <p>The Chairman presented the Verticals for awarding Honors, Honors with Specialization and Minor Degree - B.E. Electronics and Instrumentation Engineering in Regulations 2019 for students admitted in the Academic Year 2021-22 onwards as per the direction of Anna University. The BoS members approved the same.</p> <p><b>Resolution</b></p> <p>It is resolved to recommend Verticals for awarding Honors, Honors with specialization and Minor degree - B.E. Electronics and Communication Engineering in Regulations 2019 for students admitted in the Academic Year 2021-22 onwards as per the direction of Anna University to the Academic Council for Approval.</p>
BoS /EIE 6.9	<p><b>Any other items</b></p> <p><b>Common points suggested by the members as concluding remark</b></p> <p>Suggested to update the text and reference book with latest edition and include on-line resources.</p> <p>The Chairman of Board of Studies agreed and assured to incorporate the changes suggested by the members wherever possible.</p> <p>The Chairman of Board of Studies thanked all the members for their valuable suggestions and coordination.</p>

  
**CHAIRMAN**  
**BOARD OF STUDIES - EIE**  
**Chairman - BoS**  
**Dept. of EIE - ESEC**

# ANNEXURE - I

The following members presented in the Board of Studies Meeting

Sl. No.	Name & Designation	Category	Signature
1	<b>Prof.T.Maris Murugan,</b> Associate Professor & Head, Department of Electronics and Instrumentation, Erode Sengunthar Engineering College, Perundurai.	Chairman	
2	<b>Dr.S.Geetha</b> Associate Professor, Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology, Coimbatore.	University Nominee	ON-LINE MODE
3	<b>Dr. P. Subha Hency Jose</b> Associate Professor, Biomedical Engineering, Karunya University, Coimbatore.	Academic Experts	
5	<b>Er. S.Subbain</b> Product Manager, Shri Jai Sharath Automation & Engineering Solution, TS/77, 2ndFloor, Thiru.Vi.Ka. Industrial Estate, Ekkattuthangal, Chennai - 600 032	Representative from Industry/ Corporate sector	
6	<b>Er. Sivasai Thota,</b> SDET, Lyric.tech, Chennai.	Meritorious Alumnus nominated by the Principal	
7	<b>Dr.P.Elamurugan,</b> Associate Professor/EIE	Internal Members	
8	<b>Mr.P.Suresh Kumar,</b> Assistant Professor (Sr.Gr.)/ EIE		
9	<b>Mr.E.Sathish,,</b> Assistant Professor / EIE		
10	<b>Mr.P.Senthil Kumar,</b> Assistant Professor / EIE		
12	<b>Ms. C.Jayabharathi,</b> Assistant Professor / EIE		
13	<b>Ms. G. Revathy,</b> Assistant Professor / EIE		

## ANNEXURE - II

### DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING Screen shots of 6th Board of Studies Meeting

Name of the Department : Electronics and Instrumentation Engineering  
Name of the Board : Electronics and Instrumentation Engineering  
Date, Time & Mode : 30.05.2023 - 02.30 PM & ONLINE  
Zoom Link :

<https://us06web.zoom.us/j/84056849355?pwd=WGpRUlISVThWMG55YmVtNjRacVBqUT09>

**AGENDA**

The 6th Board of Studies Meeting is convened on 30.05.2023 at 02.30 PM. The agenda for the meeting is as follows:

BoS EIE 6.1	Welcoming new Board of Studies members and opening remarks by the Chairman, Board of Studies, Department of Electronics and Instrumentation Engineering
BoS EIE 6.2	Confirmation of the Minutes of 05th Board of Studies Meeting & Action taken report of 05th Board of Studies meeting
BoS EIE 6.3	Review of curriculum for the B.E. Electronics and Instrumentation Engineering programme offered under Regulation 2023
BoS/EIE 6.4	Review of syllabus for the first 2 semesters for the B.E. Electronics and Instrumentation Engineering programme offered under Regulation 2023
BoS EIE 6.5	Review of vertical courses identified for the B.E. Electronics and Instrumentation Engineering programme offered under Regulation 2023.

BoS EIE 6.1

BoS EIE 6.1 Agenda.docx



# ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)  
Approved by AICTE, New Delhi, Permanently Affiliated to Anna University - Chennai.  
Accredited by National Board of Accreditation (NBA), New Delhi &  
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade  
PERUNDURAI - 638 057, TAMILNADU, INDIA.



## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

### ACTION TAKEN REPORT FOR BOS MEETING CONDUCTED ON 30.05.2023

SL No.	Name of the Expert	Suggestion Given	Action Taken	Remarks
1	Dr. P. Subha Hency Jose	Suggested to include a course Embedded System integrated with IoT to enhance student placement.	Included a course Embedded System integrated with IoT.	
2	Dr.S.Geetha	Suggested providing group assignments to do like a small prototype of circuits in "Electric Circuit Analysis" course.	It is planned to insist upon the subject handling faculty to assign students assignment as circuit model prototype.	
3	Dr. P. Subha Hency Jose	Suggested to include some simulation oriented experiments in the laboratory course named "Electric Circuits Laboratory" for 2nd semester.	Included simulation oriented experiments in 23EI202/ Electric Circuits Laboratory course for 2nd semester.	
4	Dr.S.Geetha	Suggested to include Biomedical application oriented course in Health Care domain under vertical courses for B.E. EIE programme.	It is planned to include Biomedical application oriented course in the vertical courses for B.E. EIE programme offered under Regulation 2023	
5	Er. Sivasai Thota	Suggested to include "Introduction to Artificial Intelligence and Machine Learning" in vertical courses under Regulation 2023.	It is planned to include AI and ML oriented course in the vertical courses for B.E. EIE programme offered under Regulation 2023	
6	Er. Sivasai Thota	Suggested to include Devops Architecture in the syllabus of "Cloud Service Management" vertical course in computer science domain under Regulation 2023.	It is planned to include the same as per the suggestion of Er. Sivasai Thota.	
7	Dr.S.Geetha	She enquired about delivery method	Prof. T. Maris Murugan	

		for the course "Tamil Heritage & Trails and Technologies course for Different State students and NRI students	clarified how donors by involving other state students will receive lecture hours in English language handling by English Department Faculty.	
8	Dr.S.Gedda	Suggested for updating the Text Books and Reference Books with latest edition and suggested to include web resources.	Followed recommended	an

**CHAIRMAN**  
**BOARD OF STUDIES - EYE**

**Chairman - BGS**  
**Depl. of EYE - ESEC**