

SYED AMMAL ENGINEERING COLLEGE

(An Autonomous Institution)



Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Accredited with 'A+' Grade by NAAC

NBA Accredited UG Courses : CSE & MECH | Anna University Approved Research Centres : ECE, EEE, CSE & MECH

Dr. E.M. Abdullah Campus, Ramanathapuram - 623 502 Tamilnadu.



Ph: 04567 - 222 234, Mobile : 94873 04000, 84893 04000, 87548 88077 | E-mail : office@syedongg.ac.in | Web : www.syedongg.ac.in

Minutes of the Board of Studies Meeting

Department : Electrical & Electronics Engineering
Programmes offered : B.E. – Electrical & Electronics Engineering
M.E – Embedded System Technologies
Date & Time : 18th May 2024 at 10:30 am
Venue : Computer Lab

The members of the board of studies are

S.No.	Member Category	Name, Designation and Affiliation
1	Chairman	Dr.R.Nagarajan , Professor & Head Department of Electrical & Electronics Engineering Syed Ammal Engineering College Ramanathapuram.
2	University Nominee	Dr. K. Baskaran , Professor & Head, Department of Electrical & Electronics Engineering Alagappa Chettiar Government College of Engineering and Technology, Karaikudi.
3	Subject Expert from Outside the University	Dr. C. Christopher Asir Rajan , Professor & Head Department of Electrical and Electronics Engineering, Pondicherry Engineering College, Puducherry.
4	Subject Expert from Outside the University	Dr. Prabhakar Karthikeyan Shanmugam , Professor Vellore Institute of Technology, Vellore
5	Industry Representative	Mr. N. Nagamuthu Pandian , Manager, Quality Assurance, High Pressure Boiler Plant, Bharat Heavy Electricals Limited, Tiruchirappalli.
6	Nominee from Meritorious Post Graduate Alumni	Dr. M. John Prabu , Municipal Engineer, Madukkarai Municipality, Madukkarai, Coimbatore (Dist)

7	Members of the Faculty of Department of Electrical and Electronics Engineering	Dr.G.S.Naganathan, Associate Professor
		Dr. S. Aiswariya, Associate Professor
		Dr. M. Senthilkumar, Assistant Professor
		Mr. M.Paul Jeyaraj, Assistant Professor
		Mr. K.Karthikkumar, Assistant Professor
		Mr. T. Arunprasath, Assistant Professor
		Mrs. B. Sangeetha, Assistant Professor
		Mrs. P.Sindhiya, Assistant Professor
		Mrs. R.Krishnaveni, Assistant Professor

Dr.R.Nagarajan, Chairman, Board of studies of the Department of Electrical and Electronics engineering welcomed and introduced the BoS members to the faculty members of Electrical and Electronics Engineering Programme. He started the presentation with a brief introduction of the department along with the Program Educational Objectives, Program Outcomes, and Program Specific Outcomes of the programmes. He explained the highlights of the new curriculum to the members. The following are the suggestions given by the members of the faculty.

B.E. – Electrical and Electronics Engineering:

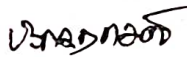
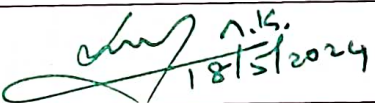
1. The proposed Curriculum for B.E - Electrical and Electronics Programme were confirmed.
2. The proposed Syllabus of Basic Electrical, Electronics and Instrumentation Engineering course and the corresponding laboratory course offering for Civil Engineering Programme were confirmed.
3. The proposed Syllabus of Basic Electrical and Electronics Engineering course for Mechanical Engineering Programme (Common to Biomedical Engineering) and the corresponding laboratory course offering for Mechanical Engineering Programme were confirmed.
4. The proposed Syllabus of Electrical and Instrumentation Engineering course offering for Electronics and Communication Engineering Programme were confirmed.
5. The proposed Syllabus of Fundamentals of Electrical and Electronics Engineering course offering for Computer Science and Engineering Programme (Common to all the programmes of School of computing) were confirmed.


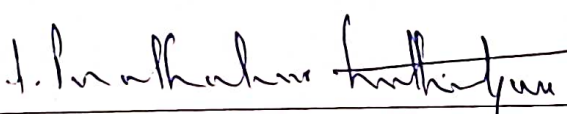
6. The proposed Syllabus of Electric Circuit Analysis course and the corresponding laboratory course offering for Electrical and Electronics Engineering Programme were confirmed.
7. The proposed Syllabus of Group – B (Electrical & Electronics) of Engineering Practices Laboratory course offering all Engineering Programmes were confirmed.
8. Planning to introduce Programming in C and its corresponding laboratory in First semester.
9. Planning to offer Python Programming as a Theory Cum Laboratory course in third Semester.
10. Planning to introduce Power Generation System course in fourth Semester.
11. Planning to offer Digital Logic Circuits and Design, Electron Devices and Circuits, Micro Processors and Controller and Linear Integrated Circuits and applications as a Theory Cum Laboratory courses.
12. Planning to introduce Mini Project – I and Mini Project – II practical courses in sixth and seventh Semester respectively.

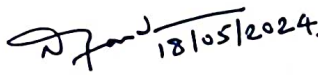
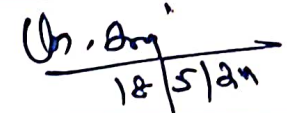
M.E. – Embedded System Technologies:

1. Curriculum for M.E – Embedded System Technologies were confirmed.
2. Syllabus of the theory and laboratory courses for the Semester – I and Semester - II for the Embedded System Technologies were confirmed.

The suggestions given by the University nominee and the experts will be very much useful for the refinement of curriculum and syllabus. Finally, the meeting ended with a vote of thanks by Dr.R.Nagarajan, Chairman BoS. The Chairman thanked all the members for their suggestions and substantial inputs provided in the meeting.

	
Dr. R. Nagarajan Chairman	Dr. K. Baskaran University Nominee

	
Dr. C. Christopher Asir Rajan Subject Expert from Outside the University	Dr. Prabhakar Karthikeyan Shanmugam Subject Expert from Outside the University

 18/05/2024.	 18/5/24
Mr. N. Nagamuthu Pandian Industry Representative	Dr. M. John Prabu Nominee from Meritorious Post Graduate Alumni


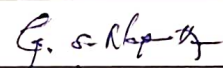

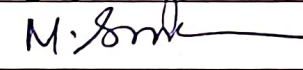
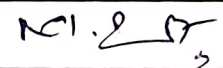

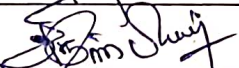
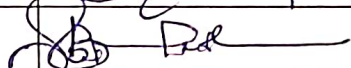
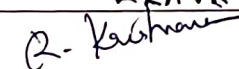
Department of Electrical and Electronics Engineering

Board of Studies Meeting – Attendance

Date : 18-05-2024

Time : 10.30 am

Venue : Computer Lab

S.No.	Name	Designation	Signature
1	Dr.R.Nagarajan	Professor & Head Chairman / BoS	
Members of the Faculty			
1	Dr.G.S.Naganathan	Associate Professor	
2	Dr. S. Aiswariya	Associate Professor	
3	Dr. M. Senthilkumar	Assistant Professor	
4	Mr. M:Paul Jeyaraj	Assistant Professor	
5	Mr. K.Karthikkumar	Assistant Professor	
6	Mr. T. Arunprasath	Assistant Professor	
7	Mrs. B. Sangeetha	Assistant Professor	
8	Mrs. P.Sindhiya	Assistant Professor	MATERNITY LEAVE
9	Mrs. R.Krishnaveni	Assistant Professor	


Dr.R.Nagarajan
Chairman / BoS

Suggestions / Comments given by BOS Members

1. Appreciated the Introduction of C Programming and its related laboratory in First Sem.
2. Insisted to reduce the content of Physics – I & II and asked to mail the reduced syllabus.
3. Insisted to have a BEEE Syllabus common for all branches or have a separate syllabus for Circuit & Non-Circuit Branches.
4. Appreciated the Introduction of Python Programming as a theory cum lab in Third Sem.
5. Insisted to introduce Professional Elective (Recent Trends) by replacing old one.
6. Insisted to change the control and Instrumentation laboratory as Control and Measurements Laboratory.
7. BOS members said list of open electives offered in the syllabus is not meant for EEE students. Other department students must select the courses from this list & EEE students should select the courses from another department open elective list.
8. BOS members insisted to reduce the number of electives offered under open elective (III & IV) category, those courses must be specific to the electrical engineering area. Also suggested to keep the maximum number of Electives as not more than 10.
9. BOS members insisted to remove Mini Project - II course from VII Semester.
10. BOS members insisted to introduce the special course in the curriculum that should cover the standards followed in industry.

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Minutes of the Board of Studies Meeting

Department : Electrical & Electronics Engineering
Programmes offered : B.E. – Electrical & Electronics Engineering
M.E – Embedded System Technologies
Date & Time : 03rd January 2025 at 11:30 am
Venue : Computer Lab

The members of the board of studies are

S.No.	Member Category	Name, Designation and Affiliation
1	Chairman	Dr.R.Nagarajan , Professor & Head Department of Electrical & Electronics Engineering Syed Ammal Engineering College Ramanathapuram.
2	University Nominee	Dr. K. Baskaran , Professor & Head, Department of Electrical & Electronics Engineering Alagappa Chettiar Government College of Engineering and Technology, Karaikudi.
3	Subject Expert from Outside the University	Dr. C. Christopher Asir Rajan , Professor & Head Department of Electrical and Electronics Engineering, Pondicherry Engineering College, Puducherry.
4	Subject Expert from Outside the University	Dr. Prabhakar Karthikeyan Shanmugam , Professor Vellore Institute of Technology, Vellore
5	Industry Representative	Mr. N. Nagamuthu Pandian , Manager, Quality Assurance, High Pressure Boiler Plant, Bharat Heavy Electricals Limited, Tiruchirappalli.
6	Nominee from Meritorious Post Graduate Alumni	Dr. M. John Prabu , Municipal Engineer, Madukkarai Municipality, Madukkarai. Coimbatore (Dist)

7	Members of the Faculty of Department of Electrical and Electronics Engineering	Dr.G.S.Naganathan, Associate Professor
		Dr. S. Aiswariya, Associate Professor
		Dr. M. Senthilkumar, Assistant Professor
		Mr. M.Paul Jeyaraj, Assistant Professor
		Mr. K.Karthikkumar, Assistant Professor
		Mr. T. Arunprasath, Assistant Professor
		Mrs. B. Sangeetha, Assistant Professor

Dr.R.Nagarajan, Chairman, Board of studies of the Department of Electrical and Electronics engineering welcomed and introduced the BoS members to the faculty members of Electrical and Electronics Engineering Programme. Chairman started the presentation with a brief introduction of the department along with the Program Educational Objectives, Program Outcomes, and Program Specific Outcomes of the programmes. He explained the highlights of the new curriculum to the members. The following are the suggestions given by the members of the faculty.

B.E. – Electrical and Electronics Engineering:

1. The proposed Curriculum for B.E - Electrical and Electronics Programme were confirmed.
2. The proposed Syllabus of 24BE201T - Basic Electrical and Electronics Engineering course for School of Computing (Common to Mechanical Engineering, Civil Engineering, Biomedical Engineering) was confirmed.
3. The proposed Syllabus of 24BE203T - Electrical and Instrumentation Engineering course offering for Electronics and Communication Engineering Programme was confirmed.
4. The proposed Syllabus of 24EE201T - Electric Circuit Analysis course and the corresponding laboratory course 24EE201P – Electric Circuits Laboratory offering for Electrical and Electronics Engineering Programme were confirmed.
5. The proposed Syllabus of 24BE201P – Basic electrical and Electronics Engineering Laboratory offering to Mechanical Engineering Programme (Common to Civil Engineering) was confirmed.
6. The proposed Syllabus of Group – B (Electrical & Electronics) of 24GE201P - Engineering Practices Laboratory course offering all Engineering Programmes were confirmed.

M.E. – Embedded System Technologies:


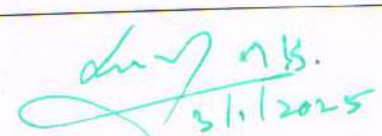
1. The proposed Curriculum for M.E – Embedded System Technologies was confirmed.
2. Syllabus of the theory and laboratory courses for the Semester – I and Semester - II for the Embedded System Technologies was confirmed.


Suggestions given by the University nominee and the Experts:

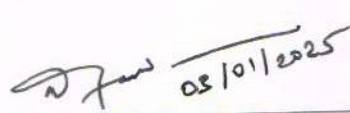

1. BOS members felt that the credit assigned for the second semester is too high, which may overload the students. So that, the BOS Members strongly recommended to remove the course to be studied in second semester 24PH202T - Physics for Electrical Engineers from the curriculum. So that the total credits for second semester may get reduced from 27 to 24.
2. The total credits assigned for 24PH101T - Engineering Physics (3), 24CH101T - Engineering Chemistry (3) & 24BS101P - Physics and Chemistry Laboratory (2) in First semester is Eight (8). BOS Members recommended to split the laboratory course 24BS101P - Physics and Chemistry Laboratory. BOS recommended keeping Engineering Physics & Engineering Chemistry as a Theory Cum Laboratory course with credit 4.
3. BOS members recommended to keep Engineering Physics / Engineering Chemistry in alternate semesters. They advised to divide the programmes offered in the institution into two groups A & B. If A group undergo Engineering Physics in First Semester, then they may undergo Engineering Chemistry in the Second Semester. This will be helpful to balance the load of the S & H faculty members handling Engineering Physics & Engineering Chemistry courses.
4. BOS Members insisted the chairman rearrange the courses studying in Semester – I & Semester – II for achieving the balanced curriculum in Semester – I & II. The rearranged curriculum may be followed for the students to be admitted from the Academic year 2025-26.
5. BOS members insisted to introduce Electrical Safety and Quality Management as an Open elective course.
6. BOS members insisted to introduce Restructured Power Market as a professional elective subject.
7. BOS members insisted the chairman to arrange more number of one day industrial visit to the students and faculty members for updating the technology followed in industries.
8. BOS Members advised the chairman to include Electric Vehicle related courses in Open Elective Category.

Finally, the meeting ended with a vote of thanks by Dr.R.Nagarajan, Chairman BoS. The Chairman thanked all the members for their suggestions and substantial inputs provided in the meeting.

BOARD OF STUDIES MEETING - ATTENDANCE

 3/1/2025	 3/1/2025
Dr. R. Nagarajan Chairman	Dr. K. Baskaran University Nominee

	Attended through online
Dr. C. Christopher Asir Rajan Subject Expert from Outside the University	Dr. Prabhakar Karthikeyan Shanmugam Subject Expert from Outside the University

 03/01/2025	 03/01/25
Mr. N. Nagamuthu Pandian Industry Representative	Dr. M. John Prabu Nominee from Meritorious Post Graduate Alumni

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Minutes of the Board of Studies Meeting

Department : Electrical & Electronics Engineering
Programmes offered : B.E. – Electrical & Electronics Engineering
M.E – Embedded System Technologies
Date & Time : 14th July 2025 at 10:00 AM
Venue : Board Room

The members of the board of studies are

S.No.	Member Category	Name, Designation and Affiliation
1	Chairman	Dr.R.Nagarajan , Professor & Head Department of Electrical & Electronics Engineering Syed Ammal Engineering College Ramanathapuram.
2	University Nominee	Dr. K. Baskaran , Professor & Head, Department of Electrical & Electronics Engineering Alagappa Chettiar Government College of Engineering and Technology, Karaikudi.
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		Dr. S. Aiswariya, Associate Professor
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		Mr. M.Paul Jeyaraj, Assistant Professor
		Mr. K.Karthikkumar, Assistant Professor
		Mr. T. Arunprasath, Assistant Professor
		Mrs. B. Sangeetha, Assistant Professor
		Mr. S. Saravanalingam, Assistant Professor

Dr.R.Nagarajan, Chairman, Board of studies of the Department of Electrical and Electronics engineering welcomed and introduced the BoS members to the faculty members of Electrical and Electronics Engineering Programme.

B.E. – Electrical and Electronics Engineering:

1. The proposed Curriculum for B.E - Electrical and Electronics Programme were confirmed.
2. The proposed Syllabus of 24EE301T - Electromagnetic Fields was confirmed.
3. The proposed Syllabus of 24EE302T - Electrical Machines-I and the corresponding laboratory course 24EE301P – Electrical Machines Laboratory -I was confirmed.
4. The proposed Syllabus of 24EE303I - Digital Logic Circuits was confirmed.
5. The proposed Syllabus of 24EE304I – Electron Devices and Circuits was confirmed.
6. The proposed Syllabus of 24GE301P - Professional Development was confirmed.
7. The proposed Syllabus of 24XXXXXX – Electric Drives and Control offering to Mechanical Engineering Programme was confirmed.

M.E. – Embedded System Technologies:

1. The proposed Curriculum for M.E – Embedded System Technologies was confirmed.
2. Syllabus of the theory and laboratory courses for the Semester – III for the Embedded System Technologies was confirmed.

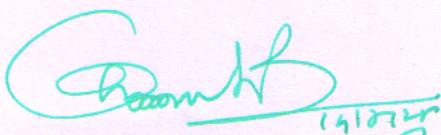
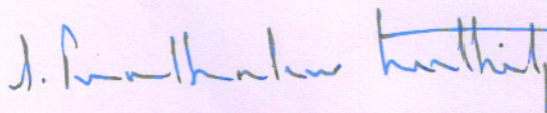
Suggestions given by the University nominee and the Experts:

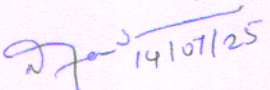
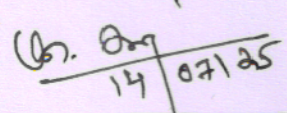
1. BOS members suggested to remove 24PH204T - Physics for Electrical Engineering in the revised Regulation.
2. BOS members suggested to include the course Signals and Systems instead of Power Generation Systems in the Fourth Semester.
3. BOS members insisted to review the Course Outcomes and CO-PO Mapping provided for the courses offered in the III Semester.
4. BOS members insisted to review the list of Text and Reference Books provided for the courses offered in the III Semester.
5. BOS Members insisted the chairman to offer Digital Signal Processing under Open Elective Category.

Finally, the meeting ended with a vote of thanks by Dr.R.Nagarajan, Chairman BoS. The Chairman thanked all the members for their suggestions and substantial inputs provided in the meeting.

Board of Studies Meeting – Department of Electrical & Electronics Engineering

	 14/7/2025
Dr. R. Nagarajan Chairman	Dr. K. Baskaran University Nominee

 14/07/25	 14/7/25
Dr. C. Christopher Asir Rajan Subject Expert from Outside the University	Dr. Prabhakar Karthikeyan Shanmugam Subject Expert from Outside the University

 14/07/25	 14/07/25
Mr. N. Nagamuthu Pandian Industry Representative	Dr. M. John Prabu Nominee from Meritorious Post Graduate Alumni

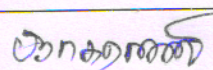
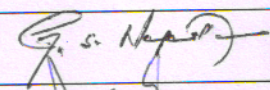
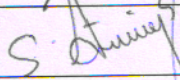

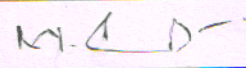
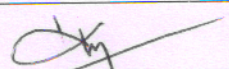
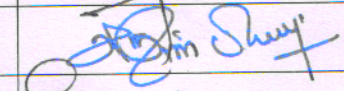
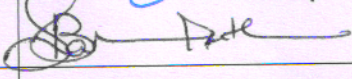
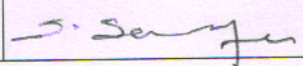
Department of Electrical and Electronics Engineering

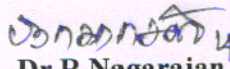
Board of Studies Meeting – Attendance

Date : 14-07-2025

Time : 10.00 am

Venue : Board Room

S.No.	Name	Designation	Signature
1	Dr.R.Nagarajan	Professor & Head Chairman / BoS	
Members of the Faculty			
1	Dr.G.S.Naganathan	Associate Professor	
2	Dr. S. Aiswariya	Associate Professor	
3	Dr. M. Senthilkumar	Assistant Professor	
4	Mr. M.Paul Jeyaraj	Assistant Professor	
5	Mr. K.Karthikkumar	Assistant Professor	
6	Mr. T. Arunprasath	Assistant Professor	
7	Mrs. B. Sangeetha	Assistant Professor	
8	Mr. S.Saravanalingam	Assistant Professor	


Dr.R.Nagarajan
Chairman / BoS