



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE – 642 002.

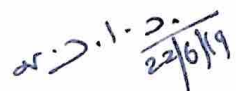
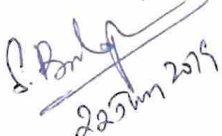
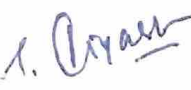


MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 01

DATE : 22-06-2019
TIME : 9.30 AM. to 4.30 PM
VENUE : Main Seminar Hall (09:30 AM to 10:30 AM) - Common Meeting
Hall No. EE203 (10:30 AM to 4.30 PM) - EEE Board Meeting

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Thiruvankadam Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	
2.	Dr. V. Manikandan, Professor, Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology, Coimbatore – 641014	University Nominee	
3.	Dr. N. Selvaganesan, Associate Professor, Dept. of Avionics Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547	Expert Member	
4.	Mr. Balaji Sethuraman, Deputy General Manager, Mercedes-Benz Research and Development India, Bengaluru, Karnataka – 560066	Industry Representative	
5.	Mr. S. Riyash, Software Developer, ZOH0 Corporation Pvt. Ltd., Chennai – 603202	Alumni Member	

6.	Dr. S. Vijayabaskar, Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore – 642002	Department Member	
7.	Dr. V. Parimala, Assistant Professor (Sr. Grade), Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
8.	Mr. P. Mariaraja, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
9.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
10.	Dr. M. Rameshkumar, Assistant Professor, Department of Science and Humanities, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 RAMES
11.	Mr. P. Sivarama Prabhu, Assistant Professor, Department of Science and Humanities, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 NAR NATHAN
12.	Mr. K. Vigneshkumar Assistant Professor, Department of Science and Humanities, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 VIGNESH KUMAR

ii) The following member was not present for the meeting and informed to the Chairman BoS:

1.	Dr. N. Sivakumaran, Associate Professor, Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli - 620015	Expert Member
----	--	---------------

OPENING MEETING:

Common Meeting was held on 22nd June 2019 at PACET Main Seminar Hall in which members of all Boards of Studies were present. Dr. P. Appukutty, Chairman, P. A. Institutions welcomed the gathering. Dr. T. Manigandan, Principal of P. A. College of Engineering and Technology briefed on the objective of the meeting and provided common guidelines to be followed.

MEETING OF THE EEE BOARD:

Dr. S. Thiruvankadam, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi of the programme.

The board discussed and approved the following points as per the agenda:

Item No. 1.1. Approval of Curriculum for 2019 Regulations – UG & PG

The Chairman BoS explained the need for new curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electrical and Electronics Engineering) and M.E. (Power Electronics and Drives (PED))

1. The model curricula proposed by AICTE with necessary modifications may be followed with effect from the academic year 2019-2020 onwards. The approved curriculum and syllabi for 1st semester and 2nd semester under 2019 Regulations are enclosed. (**Enclosure 1**)
2. The total credits for the UG-EEE programme is 161 and total credits for the PG-PED programme is 71. The curriculum breakdown structure is enclosed for both UG-EEE and PG-PED programme. (**Enclosure 2**)

Item No. 1.2. Approval of Curriculum for 2017 Regulations – UG & PG

1. **Item No. 1.2.1.** For Second & Third-Year B.E. (EEE), Anna University prescribed Regulations-2017, Curriculum and Syllabus is being followed.
2. **Item No. 1.2.2.** For Second Year M.E. (PED), Anna University prescribed Regulations-2017, Curriculum and Syllabus is being followed.
3. **Item No. 1.2.3.** A Student is expected to complete a B.E programme in 8 semesters but in any case, not more than 16 semesters for HSC or equivalent candidates and not more than 12 semesters for Lateral entry candidates.
4. **Item No. 1.2.4.** A Student is permitted to undergo his/her higher semester courses, even though he/she have arrear in lower semesters.

Item No. 1.3. Approval of Curriculum for 2013 Regulations

For Final Year B.E. (EEE), Anna University prescribed Regulations-2013, Curriculum & Syllabus is being followed.

Item No. 1.4. Approval of Syllabus for 1st and 2nd semester of B.E (EEE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from 1st semester to 2nd semester for B.E. (EEE).

Item No. 1.5. Approval of Syllabus for 1st and 2nd semester of M.E (PED)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from 1st semester to 2nd semester for M.E. (PED).

Item No. 1.6. Approval for one credit courses, on-line courses and syllabus and Transfer of credits from UGC and AICTE approved institutions including NPTEL and SWAYAM**One Credit Course:**

- 1 19EEVAX01 Yoga and Youth Empowerment
- 2 19EEVAX02 Electrical Wiring, Winding and Earthing, Repairing of Household Appliances
- 3 19EEVAX03 IOT applications
- 4 19EEVAX04 JAVA programming
- 5 19EEVAX05 PCB Design and Fabrication
- 6 19EEVAX06 Home Automation
- 7 19EEVAX07 Electrical Safety
- 8 19EEVAX08 PLC Automation
- 9 19EEVAX09 Study of Weather Monitoring System
- 10 19EEVAX10 Online course (NPTEL)

NPTEL COURSES:

1.	108102045	Embedded Systems
2.	108104052	Power Systems Operation and Control
3.	108105058	Energy Resources & Technology
4.	108105060	Illumination Engineering
5.	108108077	Industrial Drives - Power Electronics
6.	108106075	Networks and Systems
7.	108105065	Networks Signals and Systems
8.	108106068	Analog ICs
9.	108106069	Digital Integrated Circuits

Subjects reviewed by the Experts: UG

S. No.	Semester	Course Code	Name of the courses
1.	I	19EEHS101	Communicative English
2.	I	19EEBS102	Calculus and Differential Equations
3.	I	19EEBS103	Waves, Optics and Introduction to Quantum Mechanics
4.	I	19EEES104	Programming in C
5.	I	19EEES105	Workshop Practice
6.	I	19EEBS106	Physics Laboratory
7.	I	19EEES107	Programming in C Laboratory
8.	II	19EEBS201	Applied Chemistry

9.	II	19EEBS202	Linear Algebra, Numerical Methods and Transform Calculus
10.	II	19EEES203	Basics of Civil and Mechanical Engineering
11.	II	19EEES204	Engineering Graphics
12.	II	19EEBS205	Chemistry Laboratory

Subjects reviewed by the Experts: PG

S. No.	Semester	Course Code	Name of the courses
1.	I	19PEFCZ1	Research Methodology and IPR
2.	I	19PEFC02	Applied Mathematics for Electrical Engineering
3.	I	19PEPC01	Modelling and Analysis of Electrical Machines
4.	I	19PEPC02	Power Semiconductor Devices and Components
5.	I	19PEPC03	Analysis of Power Converters
6.	I	19PEPC04	Power Electronic Circuits and Power Quality Laboratory
7.	II	19PEPC05	Solid State Drives
8.	II	19PEPC06	Switched Mode Power Converters
9.	II	19PEPC07	Digital Control for Power Electronic Applications
10.	II	19PEPC08	Electric Drives Lab

Suggestions given

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Mathematics, Physics and Chemistry courses of I and II semester	Course names may be changed and one additional mathematics course need to be included in the curriculum	Suggestions incorporated
2.	Servicing and maintenance of House hold appliances	Suggested to be included in II semester	
3.	Laboratory courses credits	4 periods/ 2 credits can be given for laboratory courses of all the semester	
4.	All courses	Text books may be included in the syllabus	
5.	PG – Mini Project	May be removed from the curriculum	

Item No. 1.7. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the Vision, Mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programmes.

The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.




(Dr. S. Thiruvankadam, HOD/EEE)

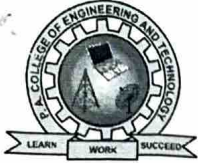
Name & Signature

Chairman/BoS

Dr. S. THIRUVANKADAM, M.E., Ph.D.

Professor & Head,

Department of Electrical and Electronics Engineering,
P. A. College of Engineering and Technology,
Pollachi - 642 002.



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE - 642 002.

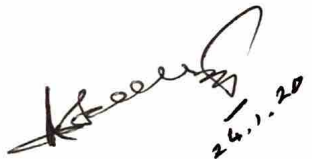
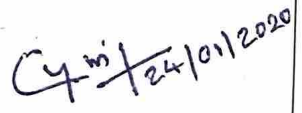


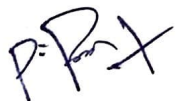
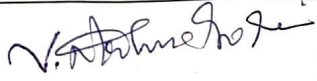
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 02

DATE : 24.01.2020
TIME : 9.30 A.M. to 1.00 P.M.
VENUE : Hall No. EE203 (10:00 A.M. to 1.00 P.M.) - EEE Board Meeting

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Vijayabaskar Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 24.1.20
2.	Dr .V. Manikandan Professor Departments of Electrical and Electronics Engineering Coimbatore Institute of Technology, Coimbatore- 641014	University Nominee	 24/01/2020
3.	Dr. N. Selvaganesan Associate Professor, Department of Avionics Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547	Expert Member	 24/01/2020
4.	Mr. Balaji Sethuraman Deputy General Manager Mercedes-Benz Research and Development India, Bengaluru, Karnataka- 560066	Industry Representative	 24 Jan 2020
5.	Mr. S. Riyash, Software Developer ZOHO Corporation Pvt Ltd Chennai- 603202	Alumni Member	

6.	Dr. V. Parimala Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
7.	Mr. P. Mariaraja, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
8.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
9.	Mr. S. Arun, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
10.	Dr. M. Rameshkumar Assistant Professor, Department of Science and Humanities, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
11.	Mrs. V. Narmadhadevi Assistant Professor, Department of Science and Humanities, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
12.	Mrs. R. Malathi Assistant Professor, Department of Science and Humanities, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	

ii) The following members were present as special invitees: -

iii) The following members were not present for the meeting and informed to the Chairman BoS:

1.	Dr. N. Sivakumaran Associate Professor Department of Instrumentation and Control Engineering, National Institute of Technology Tiruchirappalli - 620015	Expert Member
----	--	---------------

MEETING OF THE EEE BOARD:

Dr. S. Vijayabaskar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and presented the draft curricula and syllabi of the programme.

The board discussed and approved the following points as per the agenda:

Item No. 2.1. Approval of Curriculum for 2019 Regulations – UG & PG

The Chairman BoS explained the need for new curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electrical and Electronics Engineering) and M.E. (Power Electronics and Drives)

1. The model curricula proposed by AICTE with necessary modifications may be followed with effect from the academic year 2019-2020 onwards. The approved curriculum for III to VIII semester under 2019 Regulations are enclosed. (**Enclosure 1**)

Item No. 2.2. Approval of Syllabus for III to VIII semester of B.E (EEE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from III semester to VIII semester for B.E. (Electrical and Electronics Engineering).

Item No. 2.3. Approval of Syllabus for III to IV semester of M.E (PED)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from 3rd semester to 4th semester for M.E. (Power Electronics and Drives).

Item No. 2.4. Approval for one credit courses, on-line courses and syllabus and Transfer of credits from UGC and AICTE approved institutions including NPTEL and SWAYAM

One Credit Course:

1.	19EEVAX01	Yoga and Youth Empowerment
2.	19EEVAX02	Electrical Wiring, Winding and Earthing, Repairing of Household Appliances
3.	19EEVAX03	IOT applications
4.	19EEVAX04	JAVA programming
5.	19EEVAX05	PCB Design and Fabrication
6.	19EEVAX06	Home Automation
7.	19EEVAX07	Electrical Safety
8.	19EEVAX08	PLC Automation
9.	19EEVAX09	Study of Weather Monitoring System
10.	19EEVAX10	Online course (NPTEL)

NPTEL Course: Online Course Offered by NPTEL under Electrical and Electronics Engineering.

Subjects reviewed by the Experts: UG

S. No.	Semester	Course Code	Name of the courses
1.	III	19EEBS301	Transforms and Partial Differential Equations
2.		19EEBS302	Environmental Science and Engineering
3.		19EEPC303	Electromagnetic Theory
4.		19EEPC304	Electronic Devices and Circuits
5.		19EEPC305	Electrical Machines - I
6.		19EEPC306	Linear Integrated Circuits and Applications
7.		19EEPC307	Electric Circuits and Electronic Devices Laboratory
8.		19EEPC308	Electrical Machines Laboratory – I
9.	IV	19EEBS401	Numerical Methods
10.		19EEPC402	Signals and Systems
11.		19EEPC403	Digital Logic Circuits
12.		19EEPC404	Electrical Machines - II
13.		19EEES405	Data Structures and Object Oriented Programming with C++
14.		19EEES406	Power Plant Engineering
15.		19EEPC407	Analog Circuits and Digital IC Laboratory
16.		19EEPC408	Electrical Machines Laboratory – II
17.		19EEES409	Data Structures and Object Oriented Programming Using C++ Laboratory

18.	V	19EEPC501	Transmission and Distribution
19.		19EEPC502	Microprocessors and Microcontrollers
20.		19EEPC503	Control Systems
21.		19EEPC504	Electrical Machine Design
22.		19EEPC505	Measurements and Instrumentation
23.		19\$OE5XX	Open Elective I
24.		19EEPC506	Microprocessors and Microcontrollers Laboratory
25.		19EEPC507	Measurements and Control Systems Laboratory
26.	VI	19EEHS601	Technology Management
27.		19EEPC602	Power System Analysis
28.		19EEPC603	Power Electronics
29.		19\$OE6XX	Open Elective II
30.		19EEPE6XX	Professional Elective I
31.		19EEPE6XX	Professional Elective II
32.		19EEPC604	Power Electronics and Drives Laboratory
33.		19EEEE605	Communication skills laboratory
34.	VII	19EEPC701	Wind and Solar Systems
35.		19\$OE7XX	Open Elective III
36.		19EEPE7XX	Professional Elective III
37.		19EEPE7XX	Professional Elective IV
38.		19EEPE7XX	Professional Elective V
39.		19EEMC707	Constitution of India
40.		19EEPC702	Power System & Renewable Energy Laboratory
41.		19EEEE703	Mini Project
42.	VIII	19EEHS801	Professional Ethics
43.		19\$OE8XX	Open Elective IV
44.		19EEPE8XX	Professional Elective VI
45.		19EEEE802	Project Work

Subjects reviewed by the Experts: PG

S. No.	Semester	Course Code	Name of the courses
1.	III	19PEPEXX	Professional Elective III
2.		19PEPEXX	Professional Elective IV
3.		19PEOEXX	Open Elective
4.		19PEEE01	Project Phase I
5.	IV	19PEEE02	Project Phase II

Suggestions given

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Semester – III courses	1. To change the Electrical machines – I subject title to DC Machines and Transformers	Suggestions incorporated
2.	Semester – IV courses	1. To change the Electrical machines – II subject title to Synchronous and Induction Machines 2. Signals and System subject may be removed from curriculum and Networks and Synthesis subject may be included 3. Subject name may be changed Object Oriented Programming with C++ instead of Data Structures and Object Oriented Programming with C++ and Data structures content should be removed	
3.	Semester – VII courses	1. Subject name may be changed Renewable Energy Systems instead of Wind and Solar Systems	
4.	All Courses	1. Minimum of two course objectives should only included in the syllabus	

Item No. 2.5. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

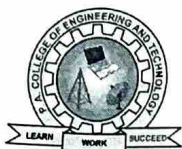
The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programmes B.E- Electrical and Electronics Engineering, M.E- Power Electronics and Drives.

The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.

 Name & Signature BoS- Coordinator (S. ARUN)	 Name & Signature Chairman/BoS
--	--



Dr. S. VIJAYABASKAR, M.E., Ph.D.,
Professor & Head,
Department of Electrical and Electronics Engineering,
P.A. College of Engineering and Technology,
Pollachi - 642 002.



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA

POLLACHI, COIMBATORE – 642 002.

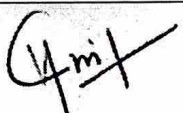
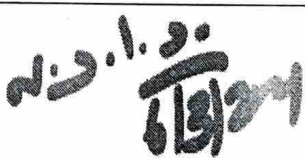


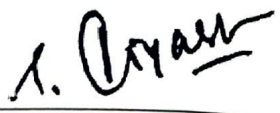
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 03

DATE : 06.03.2021
TIME : 11.30 A.M. to 1.30 P.M.
VENUE : Hall No. EE203

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Vijayabaskar Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 6.3.21
2.	Dr. V. Manikandan Professor Departments of Electrical and Electronics Engineering Coimbatore Institute of Technology, Coimbatore- 641014	University Nominee	 (For the purpose of BOS only)
3.	Dr. N. Selvaganesan Professor, Department of Avionics Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547	Expert Member	
4.	Dr. N. Sivakumaran Professor Department of Instrumentation and Control Engineering, National Institute of Technology Tiruchirappalli – 620015	Expert Member	 06.03.2021

5.	Mr. Balaji Sethuraman Vice President Mercedes-Benz Research and Development India, Bengaluru, Karnataka- 560066	Industry Representative	
6.	Mr. S. Riyash, Software Developer ZOH0 Corporation Pvt Ltd Chennai- 603202	Alumni Member	
7.	Dr. V. Parimala Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
8.	Dr. P. Mariaraja, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
9.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
10.	Mr. S. Arun, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
11.	Mrs. R. Malathi Assistant Professor, Department of Science and Humanities, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	S & H Department Member (English)	

ii) The following members were present as special invitees: Nil

- iii) The following members were not present for the meeting and informed to the Chairman
BoS: Nil

MEETING OF THE EEE BOARD:

Dr. S. Vijayabaskar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and briefed on minutes of previous meeting. He presented the curricula and syllabi of the programme for V- semester to VIII- semester and open elective of EEE department.

The board discussed and approved the following points as per the agenda:

Item No. 2.1. Approval of Syllabus for V to VIII semester of B.E (EEE)

The Chairman BoS explained the need for new curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electrical and Electronics Engineering) and M.E. (Power Electronics and Drives)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from V semester to VIII semester for B.E. (Electrical and Electronics Engineering).

Subjects reviewed by the Experts: UG

S. No.	Semester	Course Code	Name of the courses
1.	V	19EEPC501	Transmission and Distribution
2.		19EEPC502	Microprocessors and Microcontrollers
3.		19EEPC503	Control Systems
4.		19EEPC504	Electrical Machine Design
5.		19EEPC505	Measurements and Instrumentation
6.			Open Elective I
7.		19EEPC506	Microprocessors and Microcontrollers Laboratory
8.		19EEPC507	Measurements and Control Systems Laboratory
9.	VI	19EEHS601	Technology Management
10.		19EEPC602	Power System Analysis
11.		19EEPC603	Power Electronics
12.			Open Elective II
13.		19EEPE6XX	Professional Elective I
14.		19EEPE6XX	Professional Elective II
15.		19EEPC604	Power Electronics and Drives Laboratory
16.		19EEEE605	Communication skills laboratory
17.	VII	19EEPC701	Renewable Energy Systems
18.			Open Elective III

19.		19EEPE7XX	Professional Elective III
20.		19EEPE7XX	Professional Elective IV
21.		19EEPE7XX	Professional Elective V
22.		19EEMC702	Constitution of India
23.		19EEPC703	Power System & Renewable Energy Laboratory
24.		19EEEE704	Mini Project
25.	VIII	19EEHS801	Professional Ethics
26.			Open Elective IV
27.		19EEPE8XX	Professional Elective VI
28.		19EEEE802	Project Work

Suggestions given

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Semester – V courses	In Measurements and Control Systems Laboratory, Control system experiment may increased	Suggestions incorporated
2.	Semester – V courses	In Measurements and Control Systems Laboratory, matlab based control system experiment may included	
3.	Open Electives - Electrical Drives and Controls	Electrical drives and controls subject syllabus may be reframed	

Item No. 2.2. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

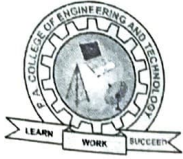
The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programmes B.E- Electrical and Electronics Engineering, M.E- Power Electronics and Drives.

The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.

 Name & Signature BoS- Coordinator (S. ARUN)	 Name & Signature Chairman/BoS
--	--



Dr. S. VIJAYADASKAR, M.E., Ph.D.,
Professor & Head,
Department of Electrical and Electronics Engineering,
P.A. College of Engineering and Technology,
Pollachi - 642 002.



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE – 642 002.

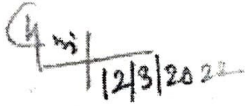


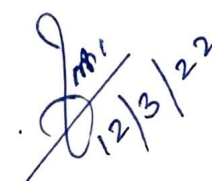
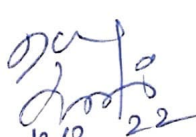
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. IV

DATE : 12.03.2022
TIME : 10.30 A.M. to 12.30 P.M.
VENUE : Hall No. EE203

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Vijayabaskar Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 12.3.22
2.	Dr .V. Manikandan Professor Departments of Electrical and Electronics Engineering Coimbatore Institute of Technology, Coimbatore- 641014	University Nominee	 12/3/2022
3.	Dr. N. Sivakumaran Professor Department of Instrumentation and Control Engineering, National Institute of Technology Tiruchirappalli – 620015	Expert Member	
4.	Mr. Balaji Sethuraman Vice President Mercedes-Benz Research and Development India, Bengaluru, Karnataka- 560066	Industry Representative	BSET HUR Digitally signed by BSETHUR Date: 2022.03.14 18:12:09 +05'30'
5.	Mr. S. Riyash, Software Developer ZOHO Corporation Pvt Ltd Chennai- 603202	Alumni Member	

6.	Dr. P. Mariaraja, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 12/3/22
7.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 12/3/22
8.	Mr. S. Arun, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 12/3/22
9.	Mr. A. Kuppaswamy Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 12/3/22
10.	Dr. M. Rameshkumar Assistant Professor, Department of Science and Humanities, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	S & H Department Member (Maths)	 12/3/22
11.	Mrs. R. Malathi Assistant Professor, Department of Science and Humanities, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	S & H Department Member (English)	 12/3/22

ii) The following members were present as special invitees: Nil

iii) The following members were not present for the meeting and informed to the Chairman BoS:

Dr. N. Selvaganesan
Professor,
Department of Avionics
Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547

MEETING OF THE EEE BOARD:

Dr. S. Vijayabaskar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and briefed on minutes of previous meeting. He presented the curricula and syllabi of the programme for VII- semester to VIII- semester and open elective of EEE department.

The board discussed and approved the following points as per the agenda:

Item No. 2.1. Approval of Syllabus for VII to VIII semester of B.E (EEE)

The Chairman BoS explained the need for new curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electrical and Electronics Engineering) and M.E. (Power Electronics and Drives)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from VII semester to VIII semester for B.E. (Electrical and Electronics Engineering).

Item No. 2.2. Approval of Syllabus based on Tamilnadu State Council

The members discussed on National Education policy (2020) and implementation of emerging technologies and implementation of course for knowledge and skill enhancement. The Tamilnadu State Council for higher studies also insisted to have syllabus based on new technology.

Subjects reviewed by the Experts: UG

S. No.	Semester	Course Code	Name of the courses
1.	VII	19EEPC701	Renewable Energy Systems
2.		19EEPE7XX	Professional Elective III
3.		19EEPE7XX	Professional Elective IV
4.		19EEPE7XX	Professional Elective V
5.		19EEPC702	Constitution of India
6.		19EEPC703	Power System & Renewable Energy Laboratory
7.		19EEEE704	Mini Project
8.			Open Elective III
9.	VIII	19EEHS801	Professional Ethics in Engineering
10.		19EEPE8XX	Professional Elective VI
11.		19EEEE802	Project Work
12.			Open Elective IV

Suggestions given by the Expert Members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Semester – VII & VIII courses	In reference books new edition may be updated	Suggestions incorporated
2.	Open Electives	In reference books new edition may be updated	
3.	Others	In the view of industrial needs, Data science and Electric energy storage technology based subjects may be included in the next regulation	

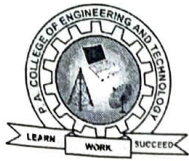
Item No. 2.2. Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programmes B.E- Electrical and Electronics Engineering, M.E- Power Electronics and Drives.

The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.

 Name & Signature BoS- Coordinator (S. Arun, AP/EEE)	 Name & Signature Chairman/BoS Dr. S. VIJAYABASKAR, M.E., Ph.D., Professor & Head, Department of Electrical and Electronics Engineering, P.A. College of Engineering and Technology, Pollachi-642 002.
--	--





P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE – 642 002.

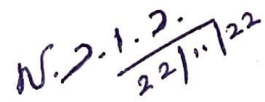


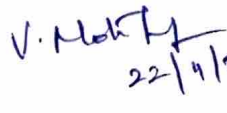
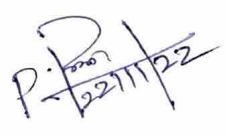
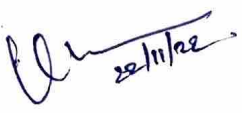
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. V

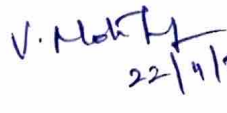
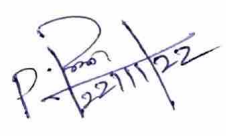
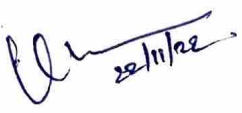
DATE : 22.11.2022
TIME : 10.00 A.M. to 12.30 P.M.
VENUE : Hall No. EE203

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Vijayabaskar Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 22.11.22
2.	Dr. R. Latha Associate Professor, Department of Electrical and Electronics Engineering, PSG College of Technology, Peelamedu, Coimbatore – 641 004.	University Nominee	 22/11/22
3.	Dr. N. Selvaganesan Professor, Department of Avionics Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547	Expert Member	 N.2.1.2. 22/11/22
4.	Dr. V. Prasanna Moorthy Professor, Department of Electrical and Electronics Engineering, Government College of Technology, Thadagam Road, Coimbatore - 641 013.	Expert Member	

5.	Dr. Raguram Arjunan Managing Director, Cares Renewables, Poombugar Nagar, Thudiyalur Post, Coimbatore – 641 034.	Industry Representative	 22/11/2022
6.	Mr. V. Mohankumar, Senior Associate, Electronics supply chain and Development, Roots Industries India Limited, Coimbatore – 641 017.	Alumni Member	 22/11/22
7.	Dr. P. Mariaraja, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22
8.	Dr. S. Arun, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22
9.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22
10.	Mr. A. Kuppaswamy Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22
11.	Mr. A. Vinothkumar Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22

ii) The following members were present as special invitees: Nil

5.	Dr. Raguram Arjunan Managing Director, Cares Renewables, Poombugar Nagar, Thudiyalur Post, Coimbatore – 641 034.	Industry Representative	 22/11/2022
6.	Mr. V. Mohankumar, Senior Associate, Electronics supply chain and Development, Roots Industries India Limited, Coimbatore – 641 017.	Alumni Member	 22/11/22
7.	Dr. P. Mariaraja, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22
8.	Dr. S. Arun, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22
9.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22
10.	Mr. A. Kuppaswamy Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22
11.	Mr. A. Vinothkumar Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 22/11/22

ii) The following members were present as special invitees: Nil

Subjects reviewed by the Experts: PG

S. No.	Semester	Name of the courses
1.	I	Research Methodology and IPR
2.		Applied Mathematics for Electrical Engineering
3.		Modelling and Analysis of Electrical Machines
4.		Power Semiconductor Devices and Components
5.		Analysis of Power Converters
6.		Audit Course I
7.		Power Electronic Circuits and Power Quality Laboratory
8.	II	Solid State Drives
9.		Switched Mode Power Converters
10.		Digital Control for Power Electronic Applications
11.		Professional Elective I
12.		Professional Elective II
13.		Audit Course II
14.		Electric Drives Laboratory

Suggestions given by the Expert Members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Electric circuit analysis	May be shifted to second semester	Suggestions incorporated
2.	Engineering Practices laboratory	(i) Solar panel based experiment may be included (ii) Basic concepts of lightning arrester may be included	

Item No. 4 : Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programmes B.E- Electrical and Electronics Engineering, M.E- Power Electronics and Drives.

Item No. 5 : Anna University – Award of UG (Hons) with specialisation, UG with minor and UG (Hons)

Discussed about the norms for the regulations regarding the award of B.E/B.Tech (Hons) in the same discipline, B.E/B.Tech Minor in other specialization and B.E/B.Tech(Hons) are provided in Annexure -I shall be adopted in the respective regulation

Item No. 6 : Approval for readmission of student

The following students has applied for readmission and the same has been approved by DOTE, the details are furnished below

S. No	Register Number	Name of the student	Remarks Sem/Year of Readmission
01	721717105009	BUVANESWARI .R	VII/IV - 2022

The above students who had originally joined in B.E. Electrical and Electronics Engineering during the academic year 2017-2018 under R-2017 and the student had completed his VI semester successfully and break his studies while during VII semester during the academic year 2020-21 and got readmitted in VII semester during the academic year 2022-2023 under R-2019.

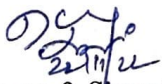
Based on Advisory committee recommendation following subjects are **Exempted** for VII semester under R-2019

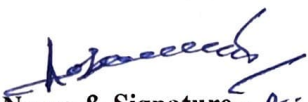
Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	19EEPE709	Industrial Drives and Control	3	0	0	3
PRACTICAL						
2	19EEEE704	Mini Project	0	0	4	2

Based on Advisory committee recommendation following subjects are **included** for VII semester under R-2019

Sl. No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1	19EEOE16	Energy Efficient Lighting Systems	3	0	0	3
2	19EEHS601	Technology Management	3	0	0	3

The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.


Name & Signature
BoS- Coordinator


Name & Signature
Chairman/BoS

Dr. S. VIJAYABASKAR, M.E., Ph.D.,
Professor & Head,
Department of Electrical and Electronics Engineering,
P. A. College of Engineering and Technology,
Pollachi - 642 002.



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE – 642 002.

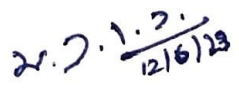
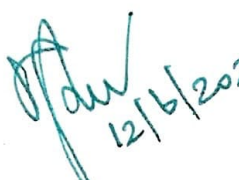


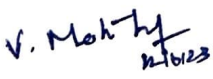
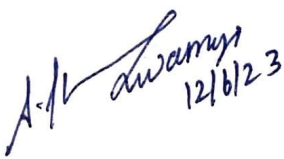
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. VI

DATE : 12.06.2023
TIME : 11.00 A.M. to 01.00 P.M.
VENUE : Hall No. EE203

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Vijayabaskar Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 12.6.23
2.	Dr. R. Latha Associate Professor, Department of Electrical and Electronics Engineering, PSG College of Technology, Peelamedu, Coimbatore – 641 004.	University Nominee	 12/6/23
3.	Dr. N. Selvaganesan Professor, Department of Avionics Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547	Expert Member	 12/6/23
4.	Dr. V. Prasanna Moorthy Professor, Department of Electrical and Electronics Engineering, Government College of Technology, Thadagam Road, Coimbatore - 641 013.	Expert Member	 12/6/2023

5.	Dr. Raguram Arjunan Managing Director, Cares Renewables, Poombugar Nagar, Thudiyalur Post, Coimbatore – 641 034.	Industry Representative	
6.	Mr. V. Mohankumar, Senior Associate, Electronics supply chain and Development, Roots Industries India Limited, Coimbatore – 641 017.	Alumni Member	
7.	Dr. P. Mariaraja, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
8.	Dr. S. Arun, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
9.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
10.	Mr. A. Kuppuswamy Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
11.	Mr. A. Vinothkumar Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	

ii) The following members were present as special invitees: Nil

iii) The following members were not present for the meeting and informed to the Chairman BoS: Nil

MEETING OF THE EEE BOARD:

Dr. S. Vijayabaskar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and briefed on minutes of previous meeting. He presented the 2022 Regulation, Curriculum of semester I to semester VIII and syllabus of semester III and IV of EEE department.

The board discussed and approved the following points as per the agenda:

Item No. 1: Approval of Curriculum for 2022 regulation – UG & PG

The Chairman BoS explained the need for new curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electrical and Electronics Engineering) and M.E. (Power Electronics and Drives)

Item No. 2: Approval of Syllabus for III to IV semester of B.E (EEE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from III semester to IV semester for B.E. (Electrical and Electronics Engineering)

Item No. 3: Approval of Syllabus for III to IV semester of M.E (PED)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from III semester to IV semester for M.E. (Power Electronics and Drives)

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	III	Transform Techniques and its Applications
2.		Electromagnetic Fields
3.		Digital Logic Circuits
4.		Electron Devices and Circuits
5.		Electrical Machines- I
6.		Environmental Science and Engineering
7.		Electric Circuits and Electronic Devices Laboratory
8.		Electrical Machines-I Laboratory
9.	IV	Numerical Methods
10.		Transmission and Distribution
11.		Measurements and Instrumentation
12.		Electrical Machines- II
13.		Linear Integrated Circuits
14.		Data Structures and Algorithms
15.		Electrical Machines-II Laboratory
16.		Linear and Digital Circuits Laboratory
17.		Data Structures and Algorithms Laboratory

Subjects reviewed by the Experts: PG

S. No.	Semester	Name of the courses
1.	III	Professional Elective III
2.		Professional Elective IV
3.		Open Elective
4.		Project Phase I
5.	IV	Project Phase II

Suggestions given by the Expert Members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Electromagnetic Fields	Scalar and vector magnetic potential, Conduction current included in syllabus	Suggestions incorporated
2.	Electrical Machines - II	Repulsion motor and Hysteresis motor may be removed from syllabus and include BLDC motor and SRM motor.	
3.	Linear and Digital Circuits Laboratory	Design of Logic circuits using gates experiments may be removed and include design oriented experiments.	
4.	Data Structures and Algorithms	Data Structures and Algorithms Subject and Laboratory may be shifted to Fifth semester. Microprocessor and microcontroller and Laboratory shifted to Fourth semester	

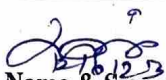
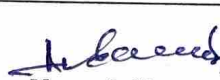
Item No. 4 : Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman has highlighted the department's PEO and PSO as well as the college mission and vision statements of the programmes B.E- Electrical and Electronics Engineering, M.E- Power Electronics and Drives. It is discussed to collectively analyze all the points regarding mapping of POs and PSOs, CO-PO and CO-PSO mapping of individual subjects decided.

Item No. 5 : Award of UG (Hons) with specialization, UG with minor and UG (Hons)

Discussed about the norms for the regulations regarding the award of B.E/B.Tech (Hons) in the same discipline, B.E/B.Tech Minor in other specialization and B.E/B.Tech(Hons) are provided in Annexure -I shall be adopted in the respective regulation

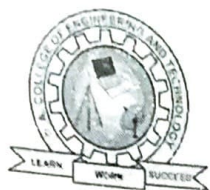
The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.

 Name & Signature BoS- Coordinator	 Name & Signature Chairman/BoS
---	--

(Dr. S. Ann, AP/EEE)



Dr. S. VIJAYABASKAR, M.E., Ph.D.,
Professor & Head,
Department of Electrical and Electronics Engineering,
P. A. College of Engineering and Technology,
Pollachi-642 002.



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE – 642 002.

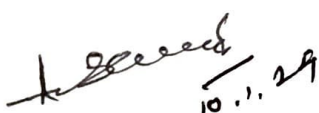
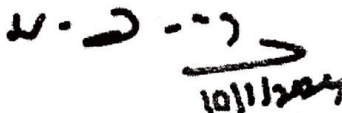


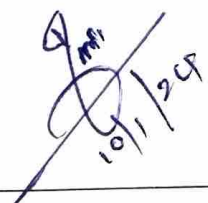
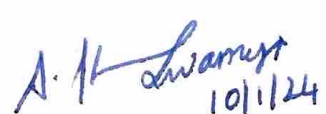
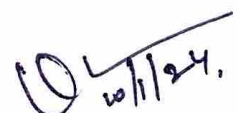
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. VII

DATE : 10.01.2024
TIME : 11.00 A.M. to 12.30 P.M.
VENUE : Smart Class Room (Online Mode)

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Vijayabaskar Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 10.1.24
2.	Dr. R. Latha Associate Professor, Department of Electrical and Electronics Engineering, PSG College of Technology, Peelamedu, Coimbatore – 641 004.	University Nominee	 10/1/2024
3.	Dr. N. Selvaganesan Professor, Department of Avionics Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547	Expert Member	 10/1/2024
4.	Dr. V. Prasanna Moorthy Professor, Department of Electrical and Electronics Engineering, Government college of engineering, Bargur, Krishnagiri - 635104	Expert Member	 10.1.2024

5.	Dr. Raguram Arjunan Managing Director, Cares Renewables, Poombugar Nagar, Thudiyalur Post, Coimbatore – 641 034.	Industry Representative	For Cares Renewables Private Limited  Director
6.	Mr. V. Mohankumar, Senior Associate, Electronics supply chain and Development, Roots Industries India Limited, Coimbatore – 641 017.	Alumni Member	
7.	Dr. P. Mariaraja, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
8.	Dr. S. Arun, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
9.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
10.	Mr. A. Kuppuswamy Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
11.	Mr. A. Vinothkumar Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	

ii) The following members were present as special invitees: Nil

iii) The following members were not present for the meeting and informed to the Chairman
BoS: Nil

MEETING OF THE EEE BOARD:

Dr. S. Vijayabaskar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and briefed on minutes of previous meeting. He presented the 2022 Regulation, Curriculum of semester I to semester VIII and enlightened syllabus of IV semester of EEE department.

The board discussed and approved the following points as per the agenda:

Item No. 1: Approval of Curriculum for 2022 regulation – UG

The Chairman BoS explained the need for new curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electrical and Electronics Engineering).

Item No. 2: Approval of Syllabus for IV semester of B.E (EEE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for IV semester B.E. (Electrical and Electronics Engineering)

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	IV	Numerical Methods
2.		Transmission and Distribution
3.		Measurements and Instrumentation
4.		Electrical Machines- II
5.		Linear Integrated Circuits
6.		Microprocessor and Microcontroller
7.		Electrical Machines-II Laboratory
8.		Linear and Digital Circuits Laboratory
9.		Microprocessor and Microcontroller Laboratory

Suggestions given by the Expert Members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Measurements and Instrumentation	In Unit -III, Instrumentation amplifier topics can be removed since these topics are covered in the subject of Linear integrated circuits.	Suggestions incorporated
2.	Electrical Machines -II	In reference books new edition may be updated	
3.	Microprocessors and Microcontrollers laboratory	Course objectives may be redrafted with list of experiments	

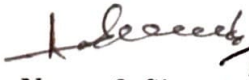
Item No. 3 : Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman has highlighted the department's PEO and PSO as well as the college mission and vision statements of the programmes B.E- Electrical and Electronics Engineering, M.E- Power Electronics and Drives. It is discussed to collectively analyze all the points regarding mapping of POs and PSOs, CO-PO and CO-PSO mapping of individual subjects decided.

Item No. 4 : Award of UG (Hons) with specialization, UG with minor and UG (Hons)

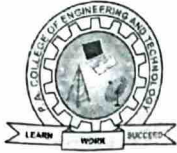
Discussed about the norms for the regulations regarding the award of B.E/B.Tech (Hons) in the same discipline, B.E/B.Tech Minor in other specialization and B.E/B.Tech(Hons) are provided in Annexure -I shall be adopted in the respective regulation

The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.

 Name & Signature BoS- Coordinator	 Name & Signature Chairman/BoS
---	---



Dr. S. VIJAYABASKAR, M.E., Ph.D.,
Professor & Head,
Department of Electrical and Electronics Engineering,
P. A. College of Engineering and Technology,
Pollachi -642 002.



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'A' Grade and Accredited by NBA
POLLACHI, COIMBATORE – 642 002.

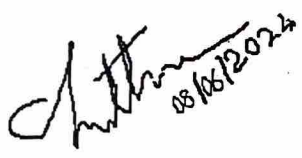
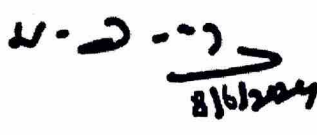


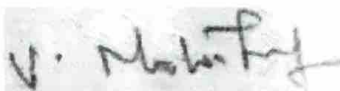
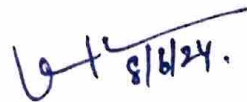
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. VIII

DATE : 08.06.2024
TIME : 10.00 A.M. to 11.30 A.M.
VENUE : Smart Class Room (Online Mode)

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Vijayabaskar Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 8.6.24
2.	Dr. R. Latha Associate Professor, Department of Electrical and Electronics Engineering, PSG College of Technology, Peelamedu, Coimbatore – 641 004.	University Nominee	 08/06/2024
3.	Dr. N. Selvaganesan Professor, Department of Avionics Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547	Expert Member	 8/6/2024
4.	Dr. V. Prasanna Moorthy Professor, Department of Electrical and Electronics Engineering, Government College of Technology, Thadagam Road, Coimbatore - 641 013.	Expert Member	 8.6.2024

5.	Dr. Raguram Arjunan Managing Director, Cares Renewables, Poombugar Nagar, Thudiyalur Post, Coimbatore – 641 034.	Industry Representative	For Cares Renewables Private Limited  Director
6.	Mr. V. Mohankumar, Senior Associate, Electronics supply chain and Development, Roots Industries India Limited, Coimbatore – 641 017.	Alumni Member	
7.	Dr. P. Mariaraja, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 8/6/24
8.	Dr. S. Arun, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 8/6/24.
9.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 8/6/24
10.	Mr. A. Kuppaswamy Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 8/6/24
11.	Mr. A. Vinothkumar Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 8/6/24.

ii) The following members were present as special invitees: Nil

iii) The following members were not present for the meeting and informed to the Chairman
BoS: Nil

MEETING OF THE EEE BOARD:

Dr. S. Vijayabaskar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and briefed on minutes of previous meeting. He presented the 2022 Regulation, Curriculum of semester I to semester VIII and enlightened syllabus of V semester of EEE department.

The board discussed and approved the following points as per the agenda:

Item No. 1: Approval of Curriculum for 2022 regulation – UG

The Chairman BoS explained the need for new curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electrical and Electronics Engineering).

Item No. 2: Approval of Syllabus for V semester of B.E (EEE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for V semester B.E. (Electrical and Electronics Engineering)

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	V	Power System Analysis
2.		Control Systems
3.		Data Structures and Algorithms
4.		Professional Elective I
5.		Open Elective – I
6.		Mandatory Course
7.		Control and Instrumentation Laboratory
8.		Data Structures Laboratory

Suggestions given by the Expert Members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Control System	Unit – 5 Content may be reframed. Reaction curve based design of PID controller is too complicated	Suggestions incorporated
2.	Power System Analysis	In reference books new edition may be updated	

Item No. 3 : Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman has highlighted the department's PEO and PSO as well as the college mission and vision statements of the programmes B.E- Electrical and Electronics Engineering, M.E- Power Electronics and Drives. It is discussed to collectively analyze all the points regarding mapping of POs and PSOs, CO-PO and CO-PSO mapping of individual subjects decided.

Item No. 4 : Award of UG (Hons) with specialization, UG with minor and UG (Hons)

Discussed about the norms for the regulations regarding the award of B.E/B.Tech (Hons) in the same discipline, B.E/B.Tech Minor in other specialization and B.E/B.Tech (Hons) are provided in Annexure - I shall be adopted in the respective regulation

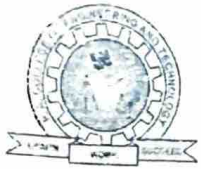
The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.

 Name & Signature BoS- Coordinator	 Name & Signature Chairman/BoS
---	--

Dr. S. Arun,
(ASP/EEE)

Dr. S. VIJAYABASKAR, M.E., Ph.D.,
Professor & Head,
Department of Electrical and Electronics Engineering,
P. A. College of Engineering and Technology,
Pollachi - 642 002.





P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

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

Accredited by NAAC with 'A' Grade and Accredited by NBA

POLLACHI, COIMBATORE – 642 002.



MINUTES OF THE BOARD OF STUDIES MEETING

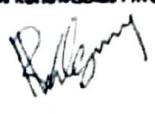
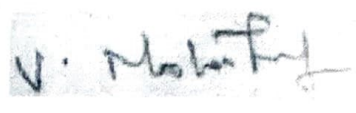
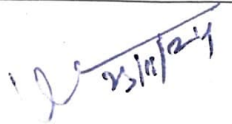
Handwritten signature

MEETING No. IX

DATE : 23.11.2024
TIME : 10.00 A.M. to 11.30 A.M.
VENUE : Smart Class Room (Online Mode)

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Vijayabaskar Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	<i>[Signature]</i> 23.11.24
2.	Dr. R. Latha Associate Professor, Department of Electrical and Electronics Engineering, PSG College of Technology, Peelamedu, Coimbatore – 641 004.	University Nominee	<i>[Signature]</i> 23/11/24
3.	Dr. N. Selvaganesan Professor, Department of Avionics Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547	Expert Member	<i>[Signature]</i> 23/11/2024
4.	Dr. V. Prasanna Moorthy Professor, Department of Electrical and Electronics Engineering, Government College of Technology, Thadagam Road, Coimbatore - 641 013.	Expert Member	<i>[Signature]</i> 23/11/2024

5.	Dr. Raguram Arjunan Managing Director, Cares Renewables, Poombugar Nagar, Thudiyalur Post, Coimbatore – 641 034.	Industry Representative	for Cares Renewables Private Limited  Director
6.	Mr. V. Mohankumar, Senior Associate, Electronics supply chain and Development, Roots Industries India Limited, Coimbatore – 641 017.	Alumni Member	
7.	Dr. P. Mariaraja, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 23/11/24
8.	Dr. S. Arun, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 23/11/24
9.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 23/11/24
10.	Mr. A. Kuppaswamy Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 23/11/24
11.	Mr. A. Vinothkumar Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	 23/11/24

ii) The following members were present as special invitees: Nil

iii) The following members were not present for the meeting and informed to the Chairman
BoS: Nil

MEETING OF THE EEE BOARD:

Dr. S. Vijayabaskar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and briefed on minutes of previous meeting. He presented the 2022 Regulation, Curriculum of semester I to semester VIII and enlightened syllabus of VI semester of EEE department.

The board discussed and approved the following points as per the agenda:

Item No. 1: Approval of Curriculum for 2022 regulation – UG

The Chairman BoS explained the need for new curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electrical and Electronics Engineering).

Item No. 2: Approval of Syllabus for VI semester of B.E (EEE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for VI semester B.E. (Electrical and Electronics Engineering)

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	VI	Renewable Energy Systems
2.		Power Electronics
3.		Professional Elective II
4.		Professional Elective III
5.		Professional Elective IV
6.		Open Elective – II
7.		Power Electronics Laboratory
8.		Power System and Renewable Energy Laboratory
9.		Communication Skills Laboratory

Suggestions given by the Expert Members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Renewable Energy Systems	Hydrogen power plant topic should plant included	Suggestions incorporated
2.	Power Electronics	Rearrange the syllabus, Power electronic switching devices and its characteristics are consolidated in unit 1 and followed by types of power converters	
3.	Power Electronics	In reference books new edition may be updated	

Item No. 3 : Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman has highlighted the department's PEO and PSO as well as the college mission and vision statements of the programmes B.E- Electrical and Electronics Engineering, M.E- Power Electronics and Drives. It is discussed to collectively analyze all the points regarding mapping of POs and PSOs, CO-PO and CO-PSO mapping of individual subjects decided.

Item No. 4 : Award of UG (Hons) with specialization, UG with minor and UG (Hons)

Discussed about the norms for the regulations regarding the award of B.E/B.Tech (Hons) in the same discipline, B.E/B.Tech Minor in other specialization and B.E/B.Tech (Hons) are provided in Annexure - I shall be adopted in the respective regulation

The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.

 Name & Signature BoS- Coordinator	 Name & Signature 30.11.24 Chairman/BoS
---	---

(Dr. S. Ann, ASP/EEE)



Dr. S. VIJAYABASKAR, M.E., Ph.D.,
Professor & Head,
Department of Electrical and Electronics Engineering,
P. A. College of Engineering and Technology,
Pollachi - 642 002.



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

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

Accredited by NAAC with 'A' Grade and Accredited by NBA

POLLACHI, COIMBATORE – 642 002.

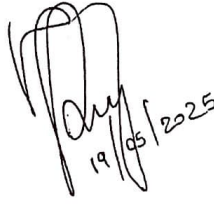


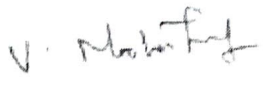
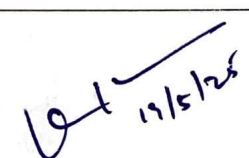
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. X

DATE : 19.05.2025
TIME : 03.00 P.M. to 04.30 P.M.
VENUE : Smart Class Room (Online Mode)

i) The following members were present for the meeting:

S.No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. S. Vijayabaskar Professor & Head, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Chairman Board of Studies	 19.5.25
2.	Dr. R. Latha Associate Professor, Department of Electrical and Electronics Engineering, PSG College of Technology, Peelamedu, Coimbatore – 641 004.	University Nominee	 19/5/25
3.	Dr. N. Selvaganesan Professor, Department of Avionics Indian Institute of Space Science and Technology, Trivandrum, Kerala-695547	Expert Member	 19/5/25
4.	Dr. V. Prasanna Moorthy Professor, Department of Electrical and Electronics Engineering, Government College of Technology, Thadagam Road, Coimbatore - 641 013.	Expert Member	 19/05/2025

5.	Dr. Raguram Arjunan Managing Director, Cares Renewables, Poombugar Nagar, Thudiyalur Post, Coimbatore - 641 034.	Industry Representative	
6.	Mr. V. Mohankumar, Associate Head, Electronics supply chain and Development, Roots Industries India Private Limited, Coimbatore - 641 017.	Alumni Member	
7.	Dr. P. Mariaraja, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
8.	Dr. S. Arun, Associate Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
9.	Mr. P. Prakash, Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
10.	Mr. A. Kuppuswamy Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	
11.	Mr. A. Vinothkumar Assistant Professor, Department of Electrical and Electronics Engineering, P. A. College of Engineering and Technology, Pollachi, Coimbatore - 642002	Department Member	

ii) The following members were present as special invitees: Nil

iii) The following members were not present for the meeting and informed to the Chairman
BoS: Nil

MEETING OF THE EEE BOARD:

Dr. S. Vijayabaskar, Chairman / BoS welcomed the members and briefed on the rules and regulation governing the autonomous scheme and briefed on minutes of previous meeting. He presented the 2022 Regulation, Curriculum of semester I to semester VIII and enlightened syllabus of VII semester of EEE department.

The board discussed and approved the following points as per the agenda:

Item No. 1: Approval of Curriculum for 2022 regulation – UG

The Chairman BoS explained the need for new curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electrical and Electronics Engineering).

Item No. 2: Approval of Syllabus for VII semester of B.E (EEE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books for VII semester B.E. (Electrical and Electronics Engineering)

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	VII	High Voltage Engineering
2.		Professional Ethics in Engineering
3.		Professional Elective V
4.		Open Elective – III
5.		Open Elective – IV
6.		Mini Project

Suggestions given by the Expert Members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	High Voltage Engineering	Insulation Coordination topics are repeated in Unit-1 and Unit-4. Should be removed from Unit-1	Suggestions incorporated
2.	High Voltage Engineering	In references, a new edition may be updated.	
3.	Special Electrical Machines	The objective of the course should be appropriately rephrased.	

Item No. 3 : Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman has highlighted the department's PEO and PSO as well as the college mission and vision statements of the programmes B.E- Electrical and Electronics Engineering, M.E- Power Electronics and Drives. It is discussed to collectively analyze all the points regarding mapping of POs and PSOs, CO-PO and CO-PSO mapping of individual subjects decided.

Item No. 4 : Award of UG (Hons) with specialization, UG with minor and UG (Hons)

Discussed about the norms for the regulations regarding the award of B.E/B.Tech (Hons) in the same discipline, B.E/B.Tech Minor in other specialization and B.E/B.Tech (Hons) are provided in Annexure - I shall be adopted in the respective regulation

The members discussed and accepted. The meeting was concluded with a vote of thanks to the members.

 Name & Signature BoS- Coordinator	 Name & Signature Chairman/BoS
---	--

(Dr. S. Arun, Asp/EEE)



Dr. S. VIJAYABASKAR, M.E., Ph.D.,
Professor & Head,
Department of Electrical and Electronics Engineering,
P. A. College of Engineering and Technology,
Pollachi - 642 002.