



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.

Department of Electronics and Communication Engineering
(Accredited by NBA)



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MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 03

DATE : 03-03-2021

TIME : 11.30 AM to 1.00 PM

VENUE : ECE Seminar Hall (11:30 AM to 1.00 PM) - ECE Board Meeting (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. L. Murali Associate Professor and Head, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Chairman Board of Studies	
2.	Dr. P. Nirmal Kumar Professor, Department of Electronics and Communication Engineering, College of Engineering, Guindy Anna University, Chennai-600025	University Nominee	
3.	Dr. C. Puttamadappa Professor and Registrar, Dayananda Sagar University Innovation Campus, Kudlu Gate, Hosur Road Bangalore-560 068	Expert Member	 3/3/21
4.	Dr. S. Veni Associate Professor, Department of Electronics and Communication Engineering, Amrita School of Engineering, Coimbatore-641112	Expert Member	
5.	Dr. G. Sai Narayanan Senior Consultant, HCL Technologies, Chennai-600018	Industry Representative	 03/03/21
6.	Mr. Raghu Rama Sreenath. K. S. Team Leader, Software Test Engineer (QA), M/s. Angler Technologies India Pvt. Ltd., Coimbatore - 641045	Alumni Member	

7.	Dr. R. P. Meenaakshi Sundhari Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
8.	Dr. M. Yuvaraja Associate Professor, Department of Electronics and Communication Engineering, P. A. College Of Engineering and Technology, Pollachi – 642002.	Department Member	
9.	Dr. K. S. Neelu Kumari Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
10.	Mrs. M. Madhumalini Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
11.	Mr. N. Senathipathi Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
12.	Mr. N. Sarveswaran Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
13.	Mr. R. Ranjith Kumar Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
14.	Mrs. R. Malathi Assistant Professor, Department of English, P. A. College of Engineering and Technology, Pollachi – 642002.	Member Department of 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:

1.	NIL	Department Member
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MEETING OF THE ECE BOARD:

Dr. L. Murali, Chairman / BoS welcomed the members 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 ECE 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 (ECE)

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. (Electronics and Communication Engineering).

Subjects reviewed by the Experts: UG

PROFESSIONAL CORE SUBJECTS

S. No.	Semester	Course Code	Name of the courses
1.	V	19ECPC501	Digital Signal Processing
2.		19ECPC502	Computer System Architecture and Organization
3.		19ECPC503	VLSI Design
4.		19ECPC504	Analog Communication
5.		19ECMC505	Constitution of India
6.		19ECPC506	Digital Signal Processing Laboratory
7.		19ECEEE507	VLSI Design Laboratory
8.	VI	19ECPC601	Transmission Lines and Antennas
9.		19ECPC602	Digital Communication
10.		19ECPC603	Computer Networks
11.		19ECMC604	Management Theory and Youth Empowerment
12.		19ECPC605	Computer Networks Laboratory
13.		19ECPC606	Analog and Digital Communication Laboratory
14.		19ECHS607	Communication Skills Laboratory
15.	VII	19ECPC701	RF and Microwave Engineering
16.		19ECPC702	Embedded and Real Time Systems
17.		19ECHS703	Professional Ethics and Human Values
18.		19ECPC704	RF and Microwave Laboratory
19.		19ECEEE705	Embedded Systems Laboratory

PROFESSIONAL ELECTIVE SUBJECTS

S. No.	Semester	Course Code	Name of the courses
1.	V	19ECPE501	Information Theory and Coding
2.		19ECPE502	Speech and Audio Processing
3.		19ECPE503	Measurements and Instrumentation
4.		19ECPE504	Bio – Medical Electronics
5.		19ECPE505	Consumer Electronics
6.		19ECPE506	Virtual Reality
7.		19ECPE507	Operating Systems
8.	VI	19ECPE601	Nanoelectronics
9.		19ECPE602	DSP Processors
10.		19ECPE603	Robotics
11.		19ECPE604	MEMS and NEMS
12.		19ECPE605	Low Power VLSI Design
13.		19ECPE606	Soft Computing
14.		19ECPE607	Power Electronics
15.	VII	19ECPE701	CAD for VLSI Circuits
16.		19ECPE702	Fiber Optic Communications
17.		19ECPE703	Advanced Digital Signal Processing
18.		19ECPE704	Satellite Communication
19.		19ECPE705	Digital Image Processing
20.		19ECPE706	Total Quality Management
21.		19ECPE707	Opto Electronic and Devices
22.		19ECPE708	High Speed Electronics
23.		19ECPE709	ASIC Design
24.		19ECPE710	Data Analytics
25.	VIII	19ECPE801	Mixed Signal Design
26.		19ECPE802	Electromagnetic Interference and Electromagnetic Compatibility (EMI & EMC)
27.		19ECPE803	Testing of VLSI Circuits
28.		19ECPE804	Wireless Communication
29.		19ECPE805	Real Time Operating Systems
30.		19ECPE806	Cryptography and Forensics
31.		19ECPE807	Cognitive Radio
32.		19ECPE808	Machine Learning and Artificial Intelligence
33.		19ECPE809	Wireless Networks
34.		19ECPE810	VLSI Signal Processing

LIST OF OPEN ELECTIVES OFFERED BY (Electronics and Communication Engineering)						
Course Code	Course Title	L	T	P	C	
19ECOE11	Automotive Electronics	3	0	0	3	
19ECOE12	MATLAB Programming and its Applications	3	0	0	3	
19ECOE13	VHDL and Verilog Programming	3	0	0	3	
19ECOE14	Embedded System design using ARM Processor	3	0	0	3	
19ECOE15	Foundation Skills in Integrated Product Development	3	0	0	3	

Suggestions given by the Expert members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	The members suggested to change Robotics in elective- VI, instead Machine Learning and Artificial Intelligence can be incorporated		suggestions incorporated
2.	In open elective VHDL and Verilog Programming title can be changed as Hardware Description language and in the syllabus Verilog programming can be followed.		
3.	In open elective instead of MATLAB Programming and its Applications, Vehicular Communication Technology may be included.		
4.	More number of Professional Electives in semester - VII and VIII can be provided.		

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- Electronics and Communication Engineering.

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



Name & Signature
BoS - Coordinator
Dr. K.S. Neelu Kumari,
Associate Professor,
Dept. of ECE, PACET



Name & Signature
Chairman/BoS
Dr. L. Murali
Associate Professor & Head,
Dept. of ECE, PACET
Chairman/BoS



Dr. L. MURALI, M.E., Ph.D.,
Associate Professor & Head
Department of ECE
P.A. College of Engg. and Tech.,
Pollachi - 642 002.



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MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 04

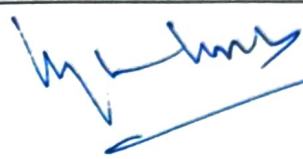
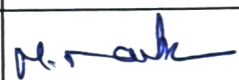
DATE : 11-03-2022

TIME : 02.30 PM to 4.00 PM

VENUE : ECE Seminar Hall (02.30 PM to 4.00 PM) - ECE Board Meeting (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. L. Murali Associate Professor and Head, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Chairman Board of Studies	
2.	Dr. P. Nirmal Kumar Professor, Department of Electronics and Communication Engineering, College of Engineering, Guindy Anna University, Chennai-600025	University Nominee	
3.	Dr. C. Puttamadappa Professor and Registrar, Dayananda Sagar University Innovation Campus, Kudlu Gate, Hosur Road Bangalore-560 068	Expert Member	
4.	Dr. S. Veni Associate Professor, Department of Electronics and Communication Engineering, Amrita School of Engineering, Coimbatore-641112	Expert Member	
5.	Dr. G. Sai Narayanan Senior Consultant, HCL Technologies, Chennai-600018	Industry Representative	
6.	Mr. Raghu Rama Sreenath. K. S. Team Leader, Software Test Engineer (QA), M/s. Angler Technologies India Pvt. Ltd., Coimbatore - 641045	Alumni Member	

7.	Dr. R. P. Meenaakshi Sundhari Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
8.	Dr. M. Yuvaraja Associate Professor, Department of Electronics and Communication Engineering, P. A. College Of Engineering and Technology, Pollachi – 642002.	Department Member	
9.	Dr. K. S. Neelu Kumari Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
10.	Mrs. M. Madhumalini Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
11.	Mr. N. Senathipathi Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
12.	Mr. N. Sarveswaran Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
13.	Mr. Mr. K. Jaikumar Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
14.	Mrs. R. Malathi Assistant Professor, Department of English, P. A. College of Engineering and Technology, Pollachi – 642002.	Member Department of 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:

1.	NIL	Department Member
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MEETING OF THE ECE BOARD:

Dr. L. Murali, Chairman / BoS welcomed the members and briefed on minutes of previous meeting. He presented the curricula and syllabi of the programme for VII- semester and VIII-semester and open elective of ECE department.

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

Item No. 2.1. Approval of Syllabus for VII and VIII semester of B.E (ECE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books of VII semester and VIII semester for B.E. (Electronics and Communication 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 courses for knowledge and skill enhancement. The Tamilnadu State Council for higher education also insisted to have syllabus based on new technology.

Suggestions given by the Expert members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	The members suggested to change Foundation Skills in Integrated Product Development in open elective offered by ECE.		suggestions incorporated
2.	In open elective, they proposed Bio-inspired computing technology as one of the subject.		

Item No. 2.3. 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- Electronics and Communication Engineering.

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


Name & Signature
BoS - Coordinator
Dr. K.S. Neelu Kumari,
Associate Professor,
Dept. of ECE, PACET




Name & Signature
Chairman/BoS
Dr. L. Murali
Associate Professor & Head,
Dept. of ECE, PACET
Chairman/BoS

Dr. L. MURALI, M.E., Ph.D.,
Associate Professor & Head
Department of ECE
P.A. College of Engg. and Tech.,
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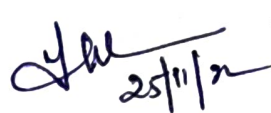
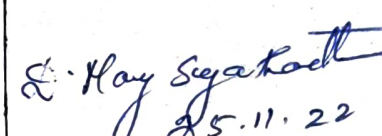
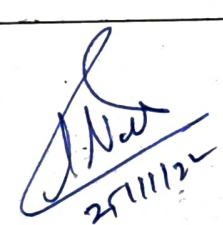
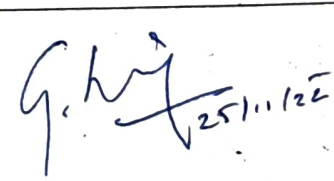


MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 05

DATE : 25-11-2022
TIME : 10.30 AM to 12.30 PM
VENUE : ECE Seminar Hall

i) **The following members were present for the meeting:**

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. L. Murali Associate Professor and Head, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Chairman Board of Studies	 25/11/22
2.	Dr. D. Mary Sugantharathinam Associate Professor, Department of Electronics and Communication Engineering, Government College of Engineering, Bodinayakannur-625 582	University Nominee	 25.11.22
3.	Dr. P. Nirmal Kumar Professor, Department of Electronics and Communication Engineering, College of Engineering, Guindy Anna University, Chennai-600025	Expert Member	 25/11/22
4.	Dr. C. Puttamadappa Professor and Registrar, Dayananda Sagar University Innovation Campus, Kudlu Gate, Hosur Road Bangalore-560 068	Expert Member	 Puttamadappa
5.	Dr. G. Sai Narayanan Senior Consultant, HCL Technologies, Chennai-600018	Industry Representative	 25/11/22

6.	Mr. Raghu Rama Sreenath. K. S. Team Leader, Software Test Engineer (QA), M/s. Angler Technologies India Pvt. Ltd., Coimbatore - 641045	Alumni Member	Raghu
7.	Dr. R. P. Meenaakshi Sundhari Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	R.p.meenaakshi 25/11/22
8.	Dr. M. Yuvaraja Associate Professor, Department of Electronics and Communication Engineering, P. A. College Of Engineering and Technology, Pollachi - 642002.	Department Member	M. Yuvaraja 25/11/22
9.	Dr. K. S. Neelu Kumari Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	K.S. Neelu Kumari 25/11/22
10.	Mr. D. Kumar Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	D. Kumar 25/11/22
11.	Mrs. M. Madhumalini Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	M. Madhumalini 25/11/22
12.	Mr. N. Senathipathi Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	N. Senathipathi 25/11/22
13.	Mr. N. Sarveswaran Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	N. Sarveswaran 25/11/22

14.	Mr. S. Senthamilarasu Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
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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 ECE BOARD:

Dr. L. Murali, Chairman / BoS welcomed the members, 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 for semester I and II of ECE 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 (Electronics and Communication Engineering).

Item No. 2: Approval of Syllabus for I to II semester of B.E (ECE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books from I semester to II semester for B.E. (ECE)

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	I	Professional English – I
2.		Engineering Mathematics – I
3.		Engineering Physics
4.		Engineering Graphics
5.		C Programming
6.		Electrical and Instrumentation Engineering
7.		Programming in C Laboratory
8.		Engineering Practices Laboratory
9.	II	Professional English – II
10.		Engineering Mathematics – II
11.		Physics for Electronics Engineering
12.		Engineering Chemistry
13.		Python Programming
14.		Electronic Devices and Circuit Analysis
15.		Physics and Chemistry Laboratory
16.		Python Programming Laboratory

Suggestions given by the Expert Members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	C++ programming	C++ concepts may be included along with data Structures.	Suggestions to be incorporated
2.	Theory cum practical course can be included in curriculum for incorporating practical skill.		

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

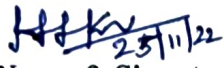
The Chairman briefed the vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.E Electronics and Communication Engineering.

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

As per the guideline of Anna University 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 : Ratification to include Nalaiya Thiran project

As per instruction from Anna University Nalaiya Thiran project – Professional Readiness for Innovation, Employability and Entrepreneurship in association with Department of Information Technology, Government of Tamilnadu to empower the students with enhanced professional and technical skill. Therefore, this course is to be included in the curriculum instead of 19ECEEE706 – Mini Project in VII semester with 3 credits. The total credit of B.E. ECE is changed as 162 for regular students and 123 for lateral entry students. The members discussed and accepted.


Name & Signature
BoS - Coordinator
Dr. K.S.Neelu Kumari,
Associate Professor,
Dept. of ECE, PACET




Name & Signature
Chairman/BoS
Dr. L. Murali
Associate Professor & Head,
Dept. of ECE, PACET



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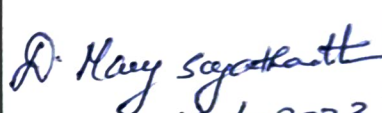
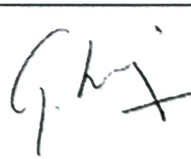
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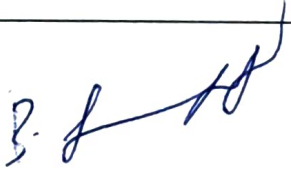
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 06

DATE : 07-06-2023
TIME : 10.30 AM to 12.30 PM
VENUE : ECE Smart class room

i) The following members were present for the meeting:

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. L. Murali Professor and Head, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Chairman Board of Studies	 7/6/23
2.	Dr. D. Mary Sugantharathinam Associate Professor, Department of Electronics and Communication Engineering, Government College of Engineering, Bodinayakannur-625 582	University Nominee	 7.6.2023
3.	Dr. P. Nirmal Kumar Professor, Department of Electronics and Communication Engineering, College of Engineering, Guindy Anna University, Chennai-600025	Expert Member	 7/6/23
4.	Dr. C. Puttamadappa Professor and Registrar, Dayananda Sagar University Innovation Campus, Kudlu Gate, Hosur Road Bangalore-560 068	Expert Member	
5.	Dr. G. Sai Narayanan Senior Consultant, HCL Technologies, Chennai-600018	Industry Representative	

6.	Mr. Raghu Rama Sreenith. K. S. Team Leader, Software Test Engineer (QA), M/s. Angler Technologies India Pvt. Ltd., Coimbatore - 641045	Alumni Member	
7.	Dr. R. P. Meenaakshi Sundhari Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
8.	Dr. M. Yuvaraja Associate Professor, Department of Electronics and Communication Engineering, P. A. College Of Engineering and Technology, Pollachi - 642002.	Department Member	
9.	Dr. K. S. Neelu Kumari Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
10.	Mr. D. Kumar Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
11.	Mrs. M. Madhumalini Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
12.	Mr. N. Senathipathi Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
13.	Mr. B. Saranraj, Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	

14.	Mr. S. Senthamilarasu Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
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ii) The following members were present as special invitees: NIL

iii) The following members were present for the meeting through on-line mode and informed to the Chairman BoS:

S. No.	Name of the Members
1.	Dr. C. Puttamadappa
2.	Dr. G. Sai Narayanan

MEETING OF THE ECE BOARD:

Dr. L. Murali, Chairman / BoS welcomed the members, briefed on the rules and regulation governing the autonomous scheme, and briefed on minutes of previous meeting. He presented the Curriculum of semester I to semester VIII for R-2022 and syllabus for semester III and IV of ECE department.

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

Item No. 1: 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 programme B.E Electronics and Communication Engineering.

Item No. 2: Approval of Curriculum for 2022 regulation – UG

The Chairman BoS explained R-2022 curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electronics and Communication Engineering).

Item No. 3: Approval of Syllabus for III and IV semester of B.E (ECE)

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

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	III	Analog Communication
2.		Analog Circuits
3.		Digital System Design
4.		Signals and Systems

5.	IV	Analog Circuits Laboratory
6.		Digital System Design Laboratory
7.		Digital Communication
8.		Linear Integrated Circuits
9.		Electromagnetic Fields
10.		Control systems
11.		Data Structures in Java
12.		Communication Systems Laboratory
13.		Linear Integrated Circuits Laboratory

Suggestions given by the Expert Members

S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Analog Communication	Subject expert suggested to reduce the content in unit -I.	Suggestions to be incorporated
2.	Analog Circuits Laboratory	University Nominee suggested to include common collector configuration and cascade amplifier.	
3.	Linear Integrated Circuits	Industry member suggested to reduce and reframe the content.	
4.	Electromagnetic Fields	Alumni Member insisted to change the topic for unit-III and unit-IV.	

Item No 4 : CO-PO mapping:

The Chairman BoS briefed the CO-PO mapping suggested by course coordinators and submitted for the approval and the committee approved with minor suggestions for subjects involved in semester –III & IV.


Name & Signature
BoS - Coordinator
Dr. K.S. Neelu Kumari,
Associate Professor,
Dept. of ECE, PACET




Name & Signature
Chairman/BoS
Dr. L. Murali
Professor & Head,
Dept. of ECE, PACET
Chairman/BoS



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.

Department of Electronics and Communication Engineering
(Accredited by NBA)



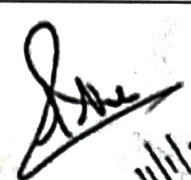
MINUTES OF THE BOARD OF STUDIES MEETING

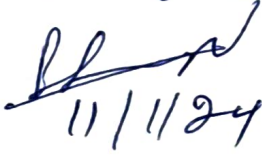
11/06/2024

MEETING No. 07

DATE : 11-01-2024
TIME : 10.45 AM to 11.30 AM
VENUE : Online

i) **The following members were present for the meeting:**

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. L. Murali Professor and Head, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Chairman Board of Studies	 11/1/24
2.	Dr. D. Mary Sugantharathinam Associate Professor, Department of Electronics and Communication Engineering, Government College of Engineering, Bodinayakannur-625 582	University Nominee	 11/1/24
3.	Dr. P. Nirmal Kumar Professor, Department of Electronics and Communication Engineering, College of Engineering, Guindy Anna University, Chennai-600025	Expert Member	 11/1/24
4.	Dr. C. Puttamadappa Professor and Registrar, Dayananda Sagar University Innovation Campus, Kudlu Gate, Hosur Road Bangalore-560 068	Expert Member	 11/1/24
5.	Dr. G. Sai Narayanan Senior Consultant, HCL Technologies, Chennai-600018	Industry Representative	 11/1/24

6.	Mr. Raghu Rama Sreenith. K. S. Team Leader, Software Test Engineer (QA), M/s. Angler Technologies India Pvt. Ltd., Coimbatore - 641045	Alumni Member	 11/1/24
7.	Dr. R. P. Meenaakshi Sundhari Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 R.p.meenaakshi
8.	Dr. M. Yuvaraja Associate Professor, Department of Electronics and Communication Engineering, P. A. College Of Engineering and Technology, Pollachi - 642002.	Department Member	 11/1/24
9.	Dr. K. S. Neelu Kumari Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/1/24
10.	Mr. D. Kumar Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/1/24
11.	Mr. B. Saranraj, Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/1/24
12.	Mr. S. Senthamilarasu Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/1/24
13.	Mr. S. Nagakumararaj Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/1/24

14.	Mr. R. Vishnu Vardhan Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
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ii) The following members were present as special invitees: NIL

MEETING OF THE ECE BOARD:

Dr. L. Murali, Chairman / BoS welcomed the members, briefed on the rules and regulation governing the autonomous scheme, and briefed on minutes of previous meeting. He presented the Curriculum of semester I to semester VIII for R-2022 and syllabus for semester IV of ECE department.

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

Item No. 1: Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the updated vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.E Electronics and Communication Engineering.

Item No. 2: Approval of Curriculum for 2022 regulation – UG

The Chairman BoS explained R-2022 curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electronics and Communication Engineering).

Item No. 3: Approval of Syllabus for IV semester of B.E (ECE)

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

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	IV	Probability and Random Processes
2.		Digital Communication
3.		Linear Integrated Circuits
4.		Electromagnetic Fields
5.		Control systems
6.		Data Structures in Java
7.		Communication Systems Laboratory
8.		Linear Integrated Circuits 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.	Electromagnetic Fields	In reference books new edition may be updated.	Suggestions to be incorporated
2.	Communication Systems Laboratory	University Nominee suggested to include few experiments using MATLAB Communication Tool Box.	


Name & Signature
BoS - Coordinator
Dr. K. S. Neelu Kumari,
Associate Professor,
Dept. of ECE, PACET


Name & Signature
Chairman/BoS
Dr. L. Murali
Professor & Head,
Dept. of ECE, PACET
Chairman/BoS



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Department of Electronics and Communication Engineering
(Accredited by NBA)



11/6/24

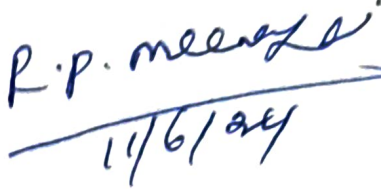
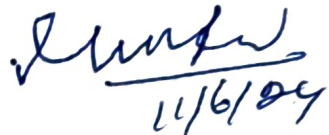
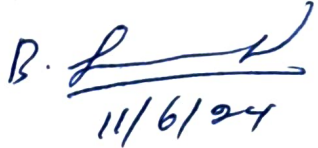
MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 08

DATE : 11-06-2024
TIME : 10.30 AM to 11.30 AM
VENUE : Online

i) **The following members were present for the meeting:**

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. L. Murali Professor and Head, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Chairman Board of Studies	 11/6/24
2.	Dr. D. Mary Sugantharathinam Associate Professor, Department of Electronics and Communication Engineering, Government College of Engineering, Bodinayakannur-625 582	University Nominee	
3.	Dr. P. Nirmal Kumar Professor, Department of Electronics and Communication Engineering, College of Engineering, Guindy Anna University, Chennai-600025	Expert Member	
4.	Dr. C. Puttamadappa Professor and Registrar, Dayananda Sagar University Innovation Campus, Kudlu Gate, Hosur Road Bangalore-560 068	Expert Member	
5.	Dr. G. Sai Narayanan Senior Consultant, HCL Technologies, Chennai-600018	Industry Representative	

6.	Mr. Raghu Rama Sreenith. K. S. Team Leader, Software Test Engineer (QA), M/s. Angler Technologies India Pvt. Ltd., Coimbatore - 641045	Alumni Member	 11/6/24
7.	Dr. R. P. Meenaakshi Sundhari Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
8.	Dr. M. Yuvaraja Associate Professor, Department of Electronics and Communication Engineering, P. A. College Of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
9.	Dr. K. S. Neelu Kumari Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
10.	Dr. D. Kumar Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
11.	Mr. B. Saranraj, Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
12.	Mrs. M. Madhumalini Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
13.	Mr. S. Nagakumararaj Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	

14.	Mr. R. Vishnu Vardhan Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
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ii) The following members were present as special invitees: NIL

MEETING OF THE ECE BOARD:

Dr. L. Murali, Chairman / BoS welcomed the members, briefed on the rules and regulation governing the autonomous scheme, and briefed on minutes of previous meeting. He presented the Curriculum of semester I to semester VIII for R-2022 and syllabus for semester V of ECE department.

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

Item No. 1: Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the updated vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.E Electronics and Communication Engineering.

Item No. 2: Approval of Curriculum for 2022 regulation – UG

The Chairman BoS explained R-2022 curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electronics and Communication Engineering).

Item No. 3: Approval of Syllabus for V semester of B.E (ECE)

The members discussed the syllabus content proposed by the Chairman BoS and approved the syllabus and reference books of V semester for B.E. (ECE) and also electives.

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	V	Digital Signal Processing
2.		Microcontrollers Interfacing and its applications
3.		Wireless Communication
4.		Professional Elective – I
5.		Professional Elective – II
6.		Professional Elective – III
7.		Digital Signal Processing Laboratory
8.		Microcontrollers Interfacing and its applications Laboratory

Suggestions given by the Expert Members

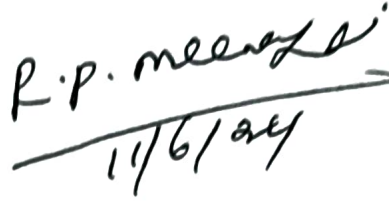
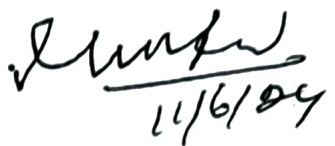
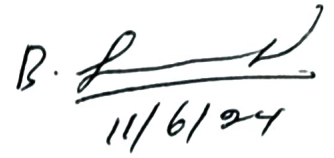
S. No	Name of the course viewed by experts	Experts suggestions and comments	Measures /Modification taken
1.	Human Resource Management	Few topic updations are required in Unit-IV and Unit-V	Suggestions incorporated
2.	In the reference books, recent editions can be incorporated.		

 11/6/24.

Name & Signature
BoS - Coordinator
Dr. K. S. Neelu Kumari,
Associate Professor,
Dept. of ECE, PACET

 11/6/24

Name & Signature
Chairman/BoS
Dr. L. Murali
Professor & Head,
Dept. of ECE, PACET
Chairman/BoS

6.	Mr. Raghu Rama Sreenith. K. S. Team Leader, Software Test Engineer (QA), M/s. Angler Technologies India Pvt. Ltd., Coimbatore - 641045	Alumni Member	 11/6/24
7.	Dr. R. P. Meenaakshi Sundhari Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
8.	Dr. M. Yuvaraja Associate Professor, Department of Electronics and Communication Engineering, P. A. College Of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
9.	Dr. K. S. Neelu Kumari Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
10.	Dr. D. Kumar Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
11.	Mr. B. Saranraj, Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 11/6/24
12.	Mrs. M. Madhumalini Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
13.	Mr. S. Nagakumararaj Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	



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MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 09

DATE : 23-11-2024

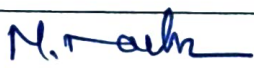
TIME : 11.00 AM

VENUE : Online

Handwritten signature

i) **The following members were present for the meeting:**

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. L. Murali Professor and Head, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Chairman Board of Studies	<i>Handwritten signature of Dr. L. Murali</i>
2.	Dr. D. Mary Sugantharathinam Associate Professor, Department of Electronics and Communication Engineering, Government College of Engineering, Salem-636011	University Nominee	<i>Handwritten signature of Dr. Mary Sugantharathinam</i>
3.	Dr. P. Nirmal Kumar Professor, Department of Electronics and Communication Engineering, College of Engineering, Guindy Anna University, Chennai-600025	Expert Member	<i>Handwritten signature of Dr. P. Nirmal Kumar</i>
4.	Dr. C. Puttamadappa Professor and Registrar, Dayananda Sagar University Innovation Campus, Kudlu Gate, Hosur Road Bangalore-560 068	Expert Member	<i>Handwritten signature of Dr. C. Puttamadappa</i>
5.	Dr. G. Sai Narayanan Senior Consultant, HCL Technologies, Chennai-600018	Industry Representative	<i>Handwritten signature of Dr. G. Sai Narayanan</i>

6.	Mr. Raghu Rama Sreenith. K. S. Team Leader, Software Test Engineer (QA), M/s. Angler Technologies India Pvt. Ltd., Coimbatore - 641045	Alumni Member	
7.	Dr. R. P. Meenaakshi Sundhari Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 23/11/24
8.	Dr. M. Yuvaraja Associate Professor, Department of Electronics and Communication Engineering, P. A. College Of Engineering and Technology, Pollachi - 642002.	Department Member	 23/11/24
9.	Dr. K. S. Neelu Kumari Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
10.	Dr. D. Kumar Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	 23/11/24
11.	Mr. S. Senthamilarasu Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
12.	Mr. B. Saranraj, Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
13.	Mrs. M. Madhumalini Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	

14.	Mr. S. Nagakumararaj Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
15.	Mr. R. Vishnu Vardhan Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	

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

MEETING OF THE ECE BOARD:

Dr. L. Murali, Chairman / BoS welcomed the members, briefed on the rules and regulation governing the autonomous scheme, and briefed on minutes of previous meeting. He presented the Curriculum of semester I to semester VIII for R-2022 and syllabus for semester VI theory and laboratory courses of ECE department.

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

Item No. 1: Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the updated vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.E Electronics and Communication Engineering.

Item No. 2: Approval of Curriculum for 2022 regulation – UG

The Chairman BoS explained R-2022 curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electronics and Communication Engineering).

Item No. 3: Approval of Syllabus for VI semester of B.E (ECE)

The members reviewed the syllabus content proposed by the Chairman of the BoS and approved the syllabus for both theory and laboratory courses. Additionally, the list of experiments and their equipment details for the VI semester of the B.E. (ECE) program, as well as the open elective offered by the department, were also approved.

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	VI	Transmission Lines and Antennas
2.		Networks and Security

3.		VLSI and Chip Design
4.		Professional Elective – IV
5.		Open Elective – I
6.		Open Elective – II
7.		Management Theory and Youth Empowerment
8.		Networks and Security Laboratory
9.		VLSI and Chip Design Laboratory

Suggestions given by the Expert Members

S. No	Experts suggestions and comments	Measures /Modification taken
1.	The University Nominee recommended the Constitution of India a mandatory course in place of Management Theory and Youth Empowerment.	Suggestions incorporated
2.	The Expert Member noted that the syllabus for the open elective on IoT-based System Design is too extensive and recommended reducing its content.	
3.	The Expert member suggested to introduce recent reference books on the syllabus of Transmission Lines and Antennas	


 Name & Signature
 BoS - Coordinator
 Dr. K. S. Neelu Kumari,
 Associate Professor,
 Dept. of ECE, PACET


 Name & Signature
 Chairman/BoS
 Dr. L. Murali
 Professor & Head,
 Dept. of ECE, PACET
 Chairman/BoS

DR. L. MURALI, M.E., Ph.D.
 Professor and Head
 Department of ECE
 P.A. College of Engg. and Tech.
 Pollachi - 642 002.



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MINUTES OF THE BOARD OF STUDIES MEETING

MEETING No. 10

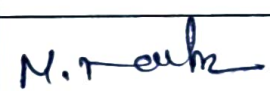
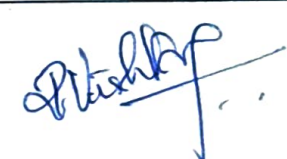
DATE : 14-05-2025

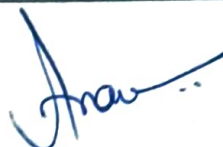
TIME : 10.00 AM

VENUE : Online

i) **The following members were present for the meeting:**

S. No	Name, Designation and Address	Category	Signature of the BoS Members
1.	Dr. L. Murali Professor and Head, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Chairman Board of Studies	
2.	Dr. D. Mary Sugantharathinam Professor and Head, Department of Electronics and Communication Engineering, Government College of Engineering, Salem-636011	University Nominee	
3.	Dr. P. Nirmal Kumar Professor, Department of Electronics and Communication Engineering, College of Engineering, Guindy Anna University, Chennai-600025	Expert Member	
4.	Dr. C. Puttamadappa Professor and Registrar, Dayananda Sagar University Innovation Campus, Kudlu Gate, Hosur Road Bangalore-560 068	Expert Member	
5.	Dr. G. Sai Narayanan Senior Consultant, HCL Technologies, Chennai-600018	Industry Representative	

6.	Mr. Raghu Rama Sreenith. K. S. Team Leader, Software Test Engineer (QA), M/s. Angler Technologies India Pvt. Ltd., Coimbatore - 641045	Alumni Member	
7.	Dr. R. P. Meenaakshi Sundhari Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
8.	Dr. M. Yuvaraja Associate Professor, Department of Electronics and Communication Engineering, P. A. College Of Engineering and Technology, Pollachi - 642002.	Department Member	
9.	Dr. K. S. Neelu Kumari Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
10.	Dr. D. Kumar Associate Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
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12.	Mr. B. Saranraj, Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	
13.	Mr. R. Vishnu Vardhan Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi - 642002.	Department Member	

14.	Mrs. K. Poornimadevi Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	
15.	Mr. G. Aravindh Assistant Professor, Department of Electronics and Communication Engineering, P. A. College of Engineering and Technology, Pollachi – 642002.	Department Member	

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

MEETING OF THE ECE BOARD:

Dr. L. Murali, Chairman / BoS welcomed the members, briefed on the rules and regulation governing the autonomous scheme, and briefed on minutes of previous meeting. He presented the Curriculum of semester I to semester VIII for R-2022 and syllabus for semester VII and VIII theory and laboratory courses of ECE department.

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

Item No. 1: Review of Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs)

The Chairman briefed the updated vision, mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the programme B.E Electronics and Communication Engineering.

Item No. 2: Approval of Curriculum for 2022 regulation – UG

The Chairman BoS explained R-2022 curriculum based on AICTE model curriculum. The members discussed elaborately and approved the Curriculum for B.E (Electronics and Communication Engineering).

Item No. 3: Approval of Syllabus for VII and VIII semesters of B.E (ECE)

The members reviewed the syllabus content proposed by the Chairman of the BoS and approved the syllabus for both theory and laboratory courses. Additionally, the list of experiments and their equipment details for the VII and VIII semesters of the B.E. (ECE) program, as well as the open elective offered by the department, were also approved.

Subjects reviewed by the Experts: UG

S. No.	Semester	Name of the courses
1.	VII	Optical and Microwave Engineering
2.		Embedded Systems
3.		Professional Elective – V

4.		Professional Elective – VI
5.		Open Elective – III
6.		Youth Empowerment and Holistic Health
7.		Embedded Systems Laboratory
8.		Optical and Microwave Engineering Laboratory
9.		Mini Project

S. No.	Semester	Name of the courses
1.	VIII	Open Elective – IV
2.		Professional Ethics in Engineering
3.		Project Work

Suggestions given by the Expert Members

S. No	Experts suggestions and comments	Measures /Modification taken
1.	The Industry Member recommended to include computational techniques in Computer Vision syllabus.	Suggestions incorporated
2.	The Expert Member noted that the syllabus for the Signal Integrity is too extensive and recommended reducing its content in unit-IV.	
3.	The Expert member suggested to introduce recent reference books in the syllabus.	


 Name & Signature
 BoS - Coordinator
 Dr. K. S. Neelu Kumari,
 Associate Professor,
 Dept. of ECE, PACET




 Name & Signature
 Chairman/BoS
 Dr. L. Murali
 Professor & Head,
 Dept. of ECE, PACET
 Chairman/BoS