

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

MINUTES OF THE MEETING

The Fourth Board of studies meeting of Electronics and Communication Engineering for the B.E. (ECE) and M.E. (Applied Electronics) Degree program from the academic year 2021 – 22 was convened and held on 31st December 2021 in online mode through Google Meet, The following members were present during the meeting.

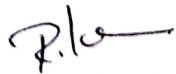
S.No.	Members	Position
1	Dr. R. Kalaivani , Professor and Head, Department of Electronics and Communication Engineering, Erode Sengunthar Engineering College, Perundurai.	Chairman
2	Dr. V. Venkatachalam , Principal, Department of Electrical and Electronics Engineering, Erode Sengunthar Engineering College, Perundurai	Member
3	Dr. S. Vasuhi , Associate Professor, Department of Electronics and Communication Engineering, MIT, Anna University, Chennai.	University Nominee
4	Dr. P. Palanisamy , Professor Department of Electronics and Communication Engineering National Institute of Technology, Trichirapalli, Tamil Nadu	Academic Experts
5	Dr. R. Gandhiraj , Assistant Professor(Selection Grade), Department of Electronics and Communication Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore.	
6	Dr. M. Jayasanthi , Associate Professor Department of Electronics and Communication Engineering PSG Institute of Technology and Applied Research, Coimbatore	Meritorious Alumnus Nominated by the Principal

7	Dr. T. Anbalagan , System Responsible, Robert Bosch, Coimbatore.	Industrial Expert
8	Dr.G.S.Satheesh Kumar , Assistant Professor, Department of Electronics and Communication Engineering Erode Sengunthar Engineering College, Perundurai	Internal Members
9	Mr.V.Thamizharasan , Assistant Professor, Department of Electronics and Communication Engineering, Erode Sengunthar Engineering College, Perundurai.	
10	Dr. V. Prem Chandran , Assistant Professor, Department of Electronics and Communication Engineering Erode Sengunthar Engineering College, Perundurai.	

Minutes of the meeting is as mentioned below.

BoS / ECE 4.1	:	WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES
		The Chairman, BOS of ECE welcomed the members of Board of Studies and thanked each of them for spending their valuable time to attend the meeting.
BoS / ECE 4.2	:	CONFIRMATION OF THE 3 rd BOARD OF STUDIES MEETING MINUTES AND ACTION TAKEN REPORT
	:	The Chairman of ECE Board of Studies presented the third Board of Studies meeting minutes and action taken report for the perusal of the BOS members and confirmation of the same.
BoS / ECE 4.3	:	TO CONSIDER AND APPROVE THE SYLLABI OF VII & VIII SEMESTERS FOR THE B.E. (ELECTRONICS AND COMMUNICATION ENGINEERING) PROGRAMME TO BE OFFERED UNDER R-2019 WITH EFFECT FROM THE ACADEMIC YEAR 20201- 2022 ONWARDS.
		<p>The Chairman of ECE Board of Studies presented the syllabi of VII & VIII semesters for the B.E. Electronics and Communication Engineering programme. The Board of Studies reviewed the syllabus and suggested the following modifications</p> <ul style="list-style-type: none"> • Dr.R.Gandhiraj suggested to include the simulation based experiments in 19EC701- Microwave Engineering subject to have practical exposure. • Dr.R.Gandhiraj and Dr.S.Vasuhi suggested including recent applications of optical communications in 19EC702-Optical Fiber Communication. • Dr.S.Vasuhi suggested to use OptiSystem open source software/ MATLAB tools for Optical and Microwave Laboratory experiments. • Dr. P. Palanisamy and Dr.R.Gandhiraj suggested to incorporate the topic Coordinate system and IRNS either in 19ECX26 - Satellite Communication or 19ECX27- Global Positioning Systems. • Dr.R.Gandhiraj suggested to include the topic Synthetic Aperture Radar (SAR) in professional elective 19ECX28 - Radar and Navigational Aids either in unit-1or unit-2 or unit-3. • Dr.S.Vasuhi suggested to reduce/modify number of hours to handle unit -1 and unit-2 as 7 hours and 11 hours respectively in 19ECX28 - Radar and Navigational Aids. • Dr.S.Vasuhi suggested to remove the topic -Super heterodyne receiver in professional elective course 19ECX28 - Radar and Navigational Aids.

	<ul style="list-style-type: none"> • Dr.R.Gandhiraj suggested to include the topic of 5G and Cognitive Radio Standards in professional elective 19ECX30 - Wireless system and standards. • Dr.R.Gandhiraj suggested to include the topic of Deep Learning in professional elective 19ECX35 - Soft Computing. • Dr. P. Palanisamy and Dr.R.Gandhiraj suggested to change the unit-5 content in professional elective 19ECX15-Statistical Signal Processing • Dr. P. Palanisamy and Dr.R.Gandhiraj suggested to change the grouping of courses in professional elective category. • Dr. P. Palanisamy suggested to change subject Name 19ECX18 - Analysis and Design of Digital Integrated Circuits as "Design and Analysis of Digital Integrated Circuits" in Professional Elective. • All the members suggested to add recent edition books as text books and reference books. <p>The Board of Studies resolved to approve the syllabi of VII & VIII semesters for the B.E. Electronics and Communication Engineering Programme brought forward by the Chairman incorporating the above changes.</p>
BoS / ECE 4.4	: TO CONSIDER AND APPROVE THE INCLUSION OF AICTE MANDATORY SUBJECT "UNIVERSAL HUMAN VALUES 2 : UNDERSTANDING HARMONY" IN SEMESTER V
	The Chairman of ECE Board of Studies presented the syllabi of Universal Human values 2: understanding harmony in 5 th semester for the B.E. Electronics and Communication Engineering programme (2020 Batch). The Board of Studies reviewed the syllabus and approves the same.
BoS / ECE 4.5	: TO CONSIDER AND APPROVE THE SYLLABI OF OPEN ELECTIVE COURSE – INFORMATION AND CODING THEORY
	The Chairman of ECE Board of Studies presented the syllabi of Open Elective Offer from B.E. Electronics and Communication Engineering to others programme. The Board of Studies reviewed the syllabus and suggested following modifications. <ul style="list-style-type: none"> • Dr. P. Palanisamy suggested to minimize the Content of Open Elective 19ECY10- Information and Coding Theory as it is offered to other department students and difficult to study. <p>The Board of Studies resolved to approve the same.</p>
BoS / ECE 4.6	: TO CONSIDER AND APPROVE THE INCLUSION OF A SUBJECT AS PROFESSIONAL ELECTIVE FOR M.E. (APPLIED ELECTRONICS)
	The Chairman of ECE Board of Studies presented the syllabi of Professional Elective - Multimedia Compression Techniques of M.E. Applied Electronics programme. The Board of Studies reviewed the syllabus and approved the same.
BoS / ECE 4.7	: VOTE OF THANKS
	The Chairman, BOS of ECE thanked all the members for sharing their views and suggestions to improve the curriculum and Syllabi of B.E.-E.C.E. Degree Course.


 CHAIRMAN
 BOARD OF STUDIES