

ECS Board of Studies Minutes

2022-2023

HINDUSTHAN COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

COIMBATORE-641 028.



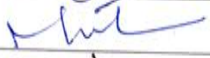
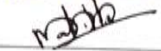

DEPARTMENT OF ELECTRONICS

BOARD OF STUDIES MEETING IN ELECTRONICS (UG & PG)
(For the Academic Year 2022-2023)
Attendance Report

Date: 08.07.2022

Time: 10.30AM

Venue: Electronics Department

	Name	Designation	Signature
Chairman	Dr.K.Thangavel	Professor and Head	 8/7/2022
Members (Internal)	1.Prof.S. Sudha	Assistant Professor	leave of absence
	2. Prof.S. Sathyadeepa	Assistant Professor	
	3. Dr.R. Prema	Professor	
	4. Dr. M. Kumaresan	Assistant Professor	
	5. Prof. Mahitha Mohan	Assistant Professor	
External (Subject Experts)	1.Dr.P. Thirunavukkarasu	Associate Professor	Attended through online
	2. Dr.K.Tamilselvan	Associate Professor	Attended through online
Industrial Expert	Mr.K.N. Mohan Das	Managing Director	Attended through online
Alumni	Mr. S. Jithin	Naval Armament Inspecting Officer,	Leave of absence
University Nominee	Dr.N. Pasupathi	Associate Professor	Attended through online

Board Of Studies In Electronics Minutes Of Meeting Held On 08.07.2022

The Board of studies meeting in Electronics and Communication systems held on 08.07.2022 for the academic year 2022-2023. The following members were present,

1. Dr. K. Thangavel - Chairman
2. Prof. S. Sudha - Internal Members
3. Prof. S. Sathyadeepa - Internal Members
4. Dr. R. Prema - Internal Members
5. Dr. M. Kumaresan - Internal Members
6. Prof. Mahitha Mohan - Internal Members
7. Dr. P. Thirunavukkarasu - External Subject Experts
8. Dr. K. Tamilselvan - External Subject Experts
9. Mr. K. V. Mohan Das - Industrial Experts
10. Ms. S. Jithin - Alumni
11. Dr. N. pasupathi - Dr. N. pasupathi
University Nominee

The following resolution were made in the BOARD OF STUDIES meeting held on 08-07-2022 (FRIDAY) at 10:30AM in the Department of Electronics through Blended mode:

Dr. K. Thangavel presented Bsc. Electronics and Communication system and M.sc Electronics and Communication system scheme, regulation and syllabus for the students admitted during the academic year 2020-2021, 2021-2022 and 2022-2023 onwards.

1. The new scheme of Examination of the Choice Based credit system (CBCS) and learning outcomes based Curriculum framework (LOCF) for the B.Sc., (Electronics and Communication systems) and Msc., (Electronics and communication systems) programmes offered in the department were discussed and approved for the students admitted from the academic year 2022-2023 and onwards.

2. The syllabi of Bsc (Electronics and Communication systems) and Msc., (Electronics and Communication systems) programmes for the students admitted during the academic year 2022-2023 and onwards were approved.

3. It is resolved that there are no changes are recommended in the existing scheme of Examination for the

I. Vth and VIth semester Bsc., (Electronics and Communication systems) programme offered in the department from the academic year 2020-2021.

II. IIIrd and IVth semester Msc., (Electronics and Communication systems) programme offered in the department from the academic year 2021-2022.

4. It is resolved to recommend new scheme for Msc., (Electronics and communication systems) programme from the academic year (2022-2023)

and onwards.

5. The syllabi of the following programmes were approved,

I. Vth and VIth semester Bsc. (Electronics and Communication systems) programme offered in the department from the academic year 2020-2021.

II. IIIrd and IVth semester Msc. (Electronics and Communication systems) programme offered in the department from the academic year 2021-2022.

III. Ist and IInd semester Msc. (Electronics and Communication systems) programme offered in the department from the academic year 2022-2023.

6. It is recommended to Continue Aptitude / placement Training / online Courses / value added (Job Oriented Courses) as skill enhancement Courses (SEC) and grades / Extra Credits. may be provided for the students and to be approved.

7. It is resolved Continue the syllabi of allied / Intra departmental Courses for the Bsc. (Electronics and Communication systems) and Msc. (Electronics and Communication systems) student admitted during the academic year 2020-2021, 2021-2022 and

2022 - 2023 and onwards were approved.

8. It is resolved to continue the syllabi of value added Courses (VAC), Open Elective Course, student development Record (SDR), Internship / Institutional Training / Mini-project and Extension Activities for the Bsc. (Electronics and Communication systems) and Msc (Electronics and Communication systems) students admitted during the academic year (2020 - 2021, 2021 - 2022 and 2022 - 2023) and onwards were approved.

9. It is resolved to continue the FAST Tracking system for the Msc. (Electronics and Communication systems) students admitted from the academic year 2022 - 2023 and onwards.

10. The new panel of Question paper setters and panel of Examiners for valuation have been approved.

11. The Board of studies members suggested to include the topic, Introduction to modern cellular standards - 2G Architecture in the Course cellular Communication system (19ELU18 - 20ELU20) in unit V of semester V for the students admitted in Bsc. Electronics and Communication systems from the academic year 2020 - 2021 and onwards.

12. The board of studies members suggested to add the topic, PSW register, register bank and stack pointer in the Course 8051 Microcontroller (19ELU20A-20ELU22A) in unit II of semester V for the students admitted in B.Sc. Electronics and Communication systems from the academic year 2020-2021 and onwards.

13. The board of studies members suggested to add the topics, attitude control system in the Course satellite and network Communication (19ELU23-20ELU26) in Unit II of semester VI for the students admitted in B.Sc. Electronics and Communication systems from the academic year 2020-2021 and onwards.

14. The board of studies members suggested to add the topic, classification of Embedded system in unit I, removed unit IV and unit V replace with RTOS concepts and remove wireless devices in unit II for the Course Embedded system (19ELU25A-20ELU28A) in semester VI for the students admitted in B.Sc., Electronics and Communication systems from the academic year 2020-2021 and onwards.

15. The board of studies members suggested to modify unit I, in the Course IoT and its application (19ELU25B-20ELU28B) in unit I of semester VI for the students

admitted in B.Sc Electronics and Communication systems from the academic year 2020-2021 and onwards.

16. The board of studies members suggested to add the topic, Introduction-Overview of 5G Networks - open wireless architecture of 5G Networks and to delete the topic, 4G Vision - 4G features and challenges in the Course Mobile Communication (20ELP13 - 21ELP15) in unit V for the students admitted in M.Sc. Electronics and Communication systems from the academic year 2021-2022 and onwards.

17. The board of studies members suggested to incorporate the topic, Design strategies in unit II and field programmable gate array (FPGA) in unit III in the Course Modern VLSI Design (20ELP15 - 21ELP17) for the students admitted in M.Sc. Electronics and Communication systems from the academic year 2021-2022 and onwards.

18. The Board of studies members suggested to incorporate the topic, Types of wireless sensor networks in the course admitted in M.Sc. Electronics and Communication systems from the academic year 2021 - 2022 and onwards.

19. It was suggested to include topics, Queues in unit II, programming Timer interrupts in unit V for 8051C programming for 8255 - Accessing External data memory in 8051 in unit V for the Course 8051 Microcontroller with C programming (21ELP03 - 22ELP03) in semester I. It was suggested to remove the topic, Introducing to Computing - microprocessors and microcontrollers in unit I for semester I of the students admitted in M.Sc Electronics and Communication systems from the academic year 2022 - 2023 and onwards.

20. It was suggested to include to topic, DIAC in unit I, Three phase converters in unit II and remove choppers in unit IV for the Course power electronics (21ELP04, 22ELP04) of semester I for the students admitted in M.Sc Electronics and Communication system from the academic year 2022 - 2023 and onwards.

21. It was suggested to include the topic, Modified chemical vapour Deposition (M-CVD), Outside vapour Deposition (OVD) and vapour axial deposition (VAD) in unit I for the Course Optical fiber Communication (21ELP08 - 22ELP08) of semester II for the students admitted in M.Sc Electronics and Communication systems from the academic year 2022 - 2023 and onwards.

22. It was suggested to incorporate the topics, structural units in a processor - direct memory access - device drivers in unit 1 and remove the topic, Exemplary applications Embedded systems on a chip in VLSI circuit in unit I for the course Embedded systems and RTOS (21ELPI0 - 22ELPI0) of semester 1 for the students admitted in M.Sc Electronics and communication systems from the academic year 2022-2023 and onwards.

K. Prasad

Name and Signature of Chairman
Head of the Department
Department of Electronics
Hindusthan College of Arts & Science,
Coimbatore-641 028

[Signature]
Co-ordinator
Curriculum Development Cell
Hindusthan College of Arts & Science,
Coimbatore-641 028.

[Signature]
Principal

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