

~~Coimbatore Institute of Technology~~
 Department of ECE
 Minutes of BOS Meeting held on 21/1/2023

Minutes of Board of Studies meeting of Electronics and Communication Engineering branch held on 21.01.2023 at 2.00 PM in H103 to discuss about the curriculum and syllabi for I semester to VIII semester B.E ECE (for the students admitted during 2023-2024 and onwards) based. The following members were present during the meeting.

Principal and Professor
 Dr. A. Rajeswari

R. Rajeswari
21/01/2023

Chairman

Dr. S. Uma Maheswari

S. Uma Maheswari
21/1/2023

External Members

1) Dr. O. Sarasaniya

2) Dr. J. Ramesh

3) Dr. G. Lalleshmi Narayanan - *G. Lalleshmi Narayanan* 21/1/23

4) Mr. K. Sadheeskumar

K. Sadheeskumar
21/01/23

Internal Members.

1) Dr. P. Balraj

2) Dr. S. Jayasri

3) Dr. P. Rupa

4) Dr. M. Poongothai

5) Dr. I. S. Alcala

P. Balraj 21/1/23

S. Jayasri 21/1/23

P. Rupa 21/1/23

M. Poongothai 21/1/23

I. S. Alcala 21/1/23

6) Dr. G. Puvaneswari	G. Puvaneswari
7) Dr. T. Balakumaran	T. Balakumaran
8) Dr. B. Premalatha	B. Premalatha
9) Mrs. R. Kalavani	R. Kalavani
10) Dr. G. Christina	G. Christina
11) Mrs. M. Ramya	M. Ramya
12) Dr. B. Bhuvaneshwari	B. Bhuvaneshwari
13) Mrs. K. H. Priya	K. H. Priya
14) Mrs. T. Yathawi	T. Yathawi
15) Dr. P. Muthu Subramanian	P. Muthu Subramanian
16) Mrs. Cynthia Joseph	Cynthia Joseph
17) Dr. N. Deepa	N. Deepa
18) Mrs. K. Harini	K. Harini
19) Mrs. D. Diana Josephine	D. Diana Josephine
20) Mrs. S. Dhanalakshmi	S. Dhanalakshmi
21) Mrs. S. Bala Dhanalakshmi	S. Bala Dhanalakshmi
22) Dr. P. Sathesh Kumar	P. Sathesh Kumar

The following members expressed their inconvenience to attend the meeting

- 1) Mr. Bharathi Kathiravayalan
- 2) Dr. S. Uma
- 3) Ms. C. Subha Priyadharshini
- 4) Ms. V. Sowmya
- 5) Ms. M. Abitha Thangam
- 6) Dr. E. Justin Ruben

Minutes of the BOS Meeting held on 21/01/2023 at 2:00 PM in M103 for B.E Electronics and Communication Engineering for the students admitted

during 2023-2024 and onwards were finalized with the following recommendations

- 1) To include Modern Electronic Instrumentation and Measurement Techniques by William D. Coopers as text book in Electrical Engineering and Instrumentation.
- 2) To include more topics and application on dielectric materials in Material Science
- 3) To include advanced topics and application oriented topics in e-programming.
- 4) To rephrase the title power Devices and Display Devices of Electron Devices as "power and Optoelectronic Devices"
- 5) To include topics on pulsed mode asynchronous design in Digital Electronics.
- 6) To include topics on IC technologies and characteristics of ICs in Digital Electronics.
- 7) To modify the angle Modulation unit of Principles of Communication
- 8) To include memory organization and CPU organization in Microcontroller based Systems.
- 9) To include sampling of discrete time signals in Signals and System
- 10) To include Smart Sensors for IoT in the unit IoT and its applications in Embedded System and IoT
- 11) To include architecture details of Xilinx in VLSI Design.

- 12) To include the topics on Nanometer chips and the concept of Graphene in VLSI/Integrated circuits.
- 13) To include the concepts of Computer vision in Digital Image Processing
- 14) To include Computer Architecture and Organization as an elective course.
- 15) To include a course on Introduction to 6G.
- 16) To include courses on Artificial Intelligence and Machine Learning.
- 17) To include topics/courses on hardware for AR/VR.
- 18) To reframe the title of Measurements and Instrumentation Laboratory.
- 19) To include Virtual Instrumentation based experiments in Measurements and Instrumentation Laboratory.
- 20) To reframe the contents of the practical course Problem Solving Skills.
- 21) To cover data Science topics in Python Laboratory.
- 22) To include experiments on Error Detection and Correction Sequence Detectors in Digital Electronics Laboratory.
- 23) To reframe the title of Micro-controller Laboratory in line with the theory course contents.
- 24) To rename High Frequency Laboratory as High Frequency Systems Laboratory.

25) To include Bio-signal Processing in Signal Processing verticals.

26) To include VLSI related topics in Major verticals.

Department Vision, Mission, PEOs, POs and PSOs were discussed.

Sue Mak

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