DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
MINUTES OF THE SIXTH MEETING OF BOARD OF STUDIES

Date: 20.05.2024   **Time: 10.30 AM**

Venue: Mission 10x Learning Centre

Members Present:

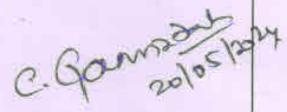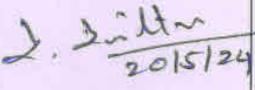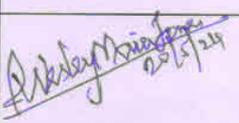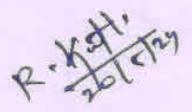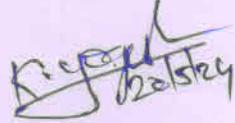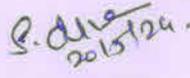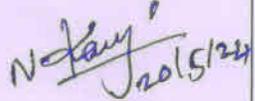| S.No	Name & Designation of Member	Position in Committee	Signature with date
1.	**Dr.A.Umaamaheshvari** Professor, HOD Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Chairperson	20/5/24
2.	**Dr.G.Thirugnanam** Associate Professor, Department of Electronics and Communication Engineering, Government College of Technology, Thadagam Road, Coimbatore- 641 103	University Nominee	G.Thi 20/5/24
3.	**Dr.C.Ganesh Babu** Professor and Head, Department of Electronics and Instrumentation Engineering, Bannari Amman Institute of Technology, Sathyamangalam – 638 401	Subject Expert	C.Ganesh 20/05/24
4.	**Dr.K.Kavitha Kanagaraj** Professor, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore – 641 049	Subject Expert	20/5/24
5.	**Mr.P.Wesley Maria Jones** Senior Software Developer, Niagara Networks, B2 Wing, Alexander Square, Sardar Patel Road, Guindy, Chennai- 600 032	Industry Representative	20/5/24
6.	**Dr.R.Karthikamani** Assistant Professor(Sr.G) Department of Electronics and Communication Engineering, Sri Ramakrishna Engineering College, Coimbatore- 641 022	Alumni	R.Ka 20/5/24
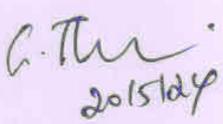
7.	**Dr.K.Kalamani** Professor & Dean Academics, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology,Coimbatore – 641 109	Member	
8.	**Dr.K. Ashok** Associate Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Member	
9.	**Mrs.R.Gayathri** Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Member	
10.	**Mr. K.Yogeshvaran** Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Member	
11.	**Mr.S.Arunkumar** Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Member	
12.	**Mr.J.Balaji** Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Member	
13.	**Mrs.N.Kavithamani** Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Member	
14.	**Ms.J.Arulvadivu** Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Member	
15.	**Ms.R.R Yuganandhine** Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Member	
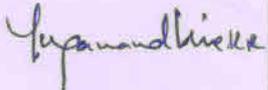
Agenda:

i. Approval of syllabi for the 3rd and 4th semester for the Regulation **2023** under CBCS for the batch of B.E-Electronics and Communication Engineering students admitted in the academic year **2023 - 2024.**

ii. Approval of Curriculum and syllabi for the I and II year under UG regulation 2023 for the batch of B.E-Electronics Engineering (VLSI Design and Technology) students to be admitted from the academic year 2024-25.

iii. Approval of syllabi brought forward by the chairperson for the academic year 2024-25 for Humanities and Social Sciences (HS), Basic Sciences (BS), Engineering Sciences (ES), Professional Core (PC), Professional Elective (PE), Open Elective (OE), Mandatory Courses (MT), Employability Enhancement Course (EEC) for the batch of students admitted in the academic year 2023-24 under Regulation 2023 incorporating the suggestions.

iv. Approval of Panel of Examiners and Question Paper Setters.

v. Any other matter with the permission of the chair.

The meeting commenced with welcome address by the Chairman, Dr. A. Umaamaheshvari. Then various items of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the members of board of studies.

i. In 3rd semester and 4th semester courses, each should have two text books and five reference books and the course outcomes for laboratory subjects should be increased to five.

ii. CO-PO mapping, bloom's taxonomy verbs for each course should be revised.

iii. In U23ECT13-Networks and Security Course, add basics of computer networks.

iv. In U23ECT12-Communication Systems Course, add line coding and source coding theorem in unit III and unit V.

v. In U23ECT11-Digital Signal Processing Course, Unit III, CO3, CO4, CO5 to be changed.

vi. In U23ECP10-Linear Integrated Circuits Laboratory, add PLL and its frequency synchronization experiment.

vii. In U23ECP11- Digital Signal and System Processing Laboratory, 6th experiment to be separated.

viii. In Industry 5.0, Unit IV and Unit V to be changed.

ix. For Digital System Design, Modern open-source simulation tool like Logisim can be preferred.

x. For Laboratory courses, one credit may be opted.

After much deliberation, the following resolutions were passed.

Item 6.1: Resolved to approve the syllabi for the 3rd and 4th semester for the Regulation 2023 under CBCS for the batch of students admitted in the academic year 2023 – 2024.

Item 6.2: Resolved to approve of Curriculum and syllabi for the I and II year under UG regulation 2023 for the batch of B.E-Electronics Engineering (VLSI Design and Technology) students to be admitted from the academic year 2024-25.

Item 6.3: Resolved to approve the syllabi brought forward by the chairperson for the academic year 2023-24 for Humanities and Social Sciences (HS), Basic Sciences (BS), Engineering Sciences (ES), Professional Core (PC), Professional Elective (PE), Open Elective (OE), Mandatory Courses (MT), Employability Enhancement Course (EEC) for the batch of students admitted in the academic year 2023-24 under Regulation 2023 incorporating the suggestions.

Item 6.4: Resolved to approve the list of Examiners and Question Paper Setters.

Course where major Syllabus Revision were made (more than 20% of syllabus change):

Major syllabus changes in the following courses were proposed based on feedback received from stakeholders. The proposed changes were discussed and approved by the BoS members.

- U23ECT05 – Digital System Design
- U23ECT06 – Electronic Circuits
- U23ECT08– Signals and Systems
- U23ECT09- Electro Magnetic Fields
- U23ECT10- Linear Integrated Circuits
- U23ECT11- Digital Signal Processing

Introduction of new courses:

The following new courses are introduced in the 2023 regulation (UG) and the same were approved by the BoS Members.

- U23ECT07 – Sensors and Instrumentation
- U23ECT12 – Communication Systems
- U23ECT13 – Networks and Security
- U23_____ – Industry Oriented Course-I (Sensor and Actuators)
- U23OET101- Industry 5.0
- U23OET102 - Introduction to Internet of everything
- U23OET103 - Principles of Analog and Digital Communication
- U23OET104 - Mobile Phone Communication

% of syllabus revision made in the program : UG : 77.77

The total number of 18 courses are categorized as follows:

1. Employability Oriented Courses – 1

2. Professional Core Courses – 13

3. Open Elective Courses – 4

Since there were no other points to be discussed, the Chairman thanked all the members of the Board of Studies for their active participation, valuable suggestion and contribution made for recommending the 3rd and 4th semester syllabi.

The meeting concluded by 11.30 P.M.

CHAIRMAN

Dr. A. UMAAMAHESHVARI, M.E., Ph.D.,
Professor and Head
Department of Electronics and Communication Engineering
Coimbatore Institute of Engineering and Technology
Narasipuram (post), Coimbatore - 641 109