



# CIET COIMBATORE INSTITUTE OF ENGINEERING AND TECHNOLOGY

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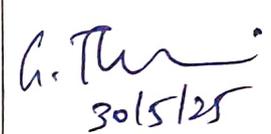
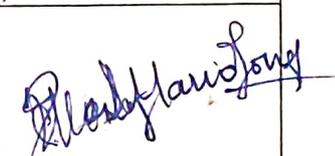
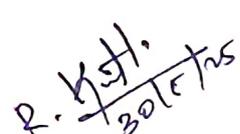
## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING MINUTES OF THE SEVENTH MEETING OF BOARD OF STUDIES

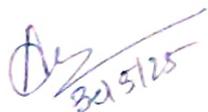
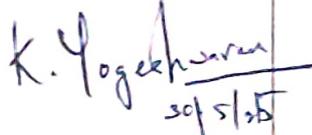
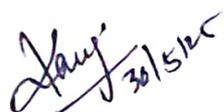
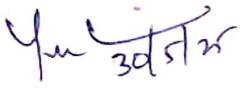
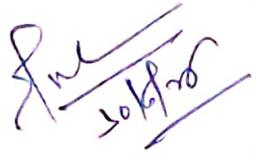
Date: 30.05.2025

Time: 10.30 AM

Venue: Mission 10x Learning Centre

Members Present:

S.No	Name & Designation of Member	Position in Committee	Signature with date
1.	<b>Dr.A.Umaamaheshvari</b> Professor, HOD Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore – 641 109	Chairperson	
2.	<b>Dr.G.Thirugnanam</b> Associate Professor, Department of Electronics and Communication Engineering, Government College of Technology, Thadagam Road, Coimbatore- 641 103	University Nominee	 30/5/25
3.	<b>Dr.C.Ganesh Babu</b> Professor and Head, Department of Electronics and Instrumentation Engineering, Bannari Amman Institute of Technology, Sathyamangalam – 638 401	Subject Expert	 30/5/2025
4.	<b>Dr.K.Kavitha Kanagaraj</b> Professor, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore – 641 049	Subject Expert	
5.	<b>Mr.P.Wesley Maria Jones</b> Senior Software Developer, Niagara Networks, B2 Wing, Alexander Square, Sardar Patel Road, Guindy, Chennai- 600 032	Industry Representative	
6.	<b>Dr.R.Karthikamani</b> Assistant Professor (Sr.G) Department of Electronics and Communication Engineering, Sri Ramakrishna Engineering College, Coimbatore- 641 022	Alumni	 30/5/25

7.	<b>Dr.K.Kalamani</b> Professor & Dean Academics, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641 109	Member	
8.	<b>Dr.K. Ashok</b> Associate Professor and Head Department of Electronics Engineering (VLSI Design Technology), Coimbatore Institute of Engineering and Technology, Coimbatore - 641 109	Member	
9.	<b>Mr. K.Yogeshvaran</b> Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641 109	Member	
10.	<b>Mr.S.Arunkumar</b> Assistant Professor, Department of Electronics Engineering (VLSI Design and Technology), Coimbatore Institute of Engineering and Technology, Coimbatore - 641 109	Member	
11.	<b>Mr.J.Balaji</b> Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641 109	Member	
12.	<b>Mrs.N.Kavithamani</b> Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641 109	Member	
13.	<b>Mrs.R.R Yuganandhine</b> Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641 109	Member	
14.	<b>Mrs.A.Alice Shalini,</b> Assistant Professor, Department of Electronics and Communication Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641 109	Member	
15.	<b>Mr.S.Dineshkumar,</b> 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 5<sup>th</sup> and 6<sup>th</sup> 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 syllabi for the Vertical I, II and III for the Regulation 2023 under CBCS for the batch of B.E-Electronics and Communication Engineering students admitted in the academic year 2023 - 2024.
- iii. Approval of syllabus for Open Elective U23OE105 Artificial Neural Network and U23ICO2 Industry oriented course II -Introduction to PCB design
- iv. 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.
- v. Approval of Panel of Examiners and Question Paper Setters.
- vi. 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. The K level of the subjects to be arranged in low to high level in all Course outcome and they should be satisfying blooms Taxonomy and CO- PO mapping covers in all levels.
- ii. U23ECT14 Transmission Lines and waveguides unit III hours to be changed and hour allocation depends on weightage of syllabi.
- iii. U23ECT16 Embedded System Design in Unit II title and content to be changed.
- iv. U23ECP12 Communication System Laboratory all experiments in simulation.
- v. U23ECP16 Embedded System Laboratory software tools to be used and remove Arduino oriented experiments.
- vi. U23ECT18 IOT for Smart devices and U23ECT17 Antennas and wave Propagation syllabi to be revised.
- vii. U23ECP18 IoT for Smart devices Arduino experiments to be included.

After much deliberation, the following resolutions were passed.

**Item 6.1:** Resolved to approve the syllabi for the 5<sup>th</sup> and 6<sup>th</sup> 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 the syllabi for verticals I, II and III for the Regulation 2023 under CBCS for the batch of B.E-Electronics and Communication Engineering students admitted in the academic year 2023 – 2024

**Item 6.3:** Resolve to approve the syllabus for Open Elective U23OE105 Artificial Neural Network and U23ICO2 Industry oriented course II -Introduction to PCB design under CBCS for the batch of B.E-Electronics and Communication Engineering students admitted in the academic year 2023 – 2024

**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.

- U23ECP16- Embedded system design Laboratory
- U23ECT17- VLSI design
- U23ECT19-Antennas and wave Propagation
- U23ECV05- Digital Image 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.

- U23ECP12-Communication System Laboratory
- U23ECT14- Transmission lines and wave guides
- U23ECT16- Embedded system design
- U23ECT18 IoT for smart devices
- U23ECV01-Computer vision
- U23ECV02- Statistical Signal Processing
- U23ECV03-Biomedical Image Processing
- U23ECV04-DSP Processor and Architecture
- U23ECV06-Audio and Speech Processing
- U23ECV07-Image and Video Analytics
- U23ECV08-Electromagnetic Interference and Compatibility in System Design
- U23ECV09-Antenna design
- U23ECV10-RF Transceivers
- U23ECV11-RF MEMS
- U23ECV12-MIC s and RF System design
- U23ECV13- 4G /5G Communication Networks
- U23ECV14- RF ID System Design & Testing
- U23ECV15 Wide band gap devices
- U23ECV16-Low power VLSI
- U23ECV17-System on Chip

- U23ECV18-ASIC Design
- U23ECV19-Analog IC Design
- U23ECV20- Validation and Testing
- U23ECO01-Summer In Plant Training
- U23IOC02 –Industry Oriented Course-II Introduction to PCB design
- U230E105-Artificial Neural Networks

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

**The total number of 36 courses are categorized as follows:**

1. Employability Oriented Courses – 4
2. Professional Core Courses – 9
3. Professional Elective-21
4. Open Elective Courses – 1
5. Industry Oriented Course -1

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 5<sup>th</sup> and 6<sup>th</sup> semester syllabi.

The meeting concluded by 11.30 A.M.



**CHAIRMAN**

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