



MINUTES OF BOARD OF STUDIES MEETING

Department: Electronics and Communication Engineering

Programme: B.E Electronics and Communication Engineering

M.E Communication Systems

Venue: Online mode – MS TEAMS

Date: 20th November 2020

Time: 2:00 PM – 4:00 PM

Board of Studies Composition (as per UGC Recommendations)

S. No	Name	Designation as per UGC	Designation / Affiliation with full contact details
1.	Dr. S. A. Pasupathy, Head of the Department	Chairperson	Professor and Head, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049.
2.	Dr. B. Gopinath BoS Coordinator – UG Dr. M. Bharathi, BoS Coordinator – PG Dr. K. Kavitha, R18/R17 Curriculum/Syllabus Incharge All Faculty Members	Members	Associate Professor, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049. Professor, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049. Professor, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049.
3.	Dr. C. Vasanthanayaki	University Nominee	Professor and Head, Department of Electronics and Communication Engineering, Government College of Engineering, Salem-636011.
4.	Dr. K. S. Geetha	Subject Expert	Professor and Head, Department of Electronics and Communication Engineering,

			R V college of Engineering, Bengaluru-560059
5.	Dr. M. S. Sudhakar	Subject Expert	Associate Professor, School of Electronics Engineering (SENSE), VIT Vellore, Vellore-632014
6.	Mr. S. Chella Kumar	Expert from Industry	Staff CAD Engineer, Infinera India Pvt. Ltd., Bengaluru-560025
7.	Mr. A. Chandramouli Mr. P. Nithyanandham	Alumni Member with PG qualification	Research Scientist, EMC division, SAMEER-Centre for Electromagnetics, 2 nd cross road, CIT campus, Taramani, Chennai-641113 Senior Consultant, Robert Bosch, Coimbatore-641049
8.	Dr. V. Vanitha	Faculty member from allied department - Special Invitee	Professor, Department of Information Technology, Kumaraguru College of Technology, Coimbatore-641049.
9.	Ms. S. Sukirtha Mr. A. Adarsh	Students from Department Association and F40 - Special Invitee	17BEC036, DA Member, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049. 18BEC095, F40 Member, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049.

1. Welcome Note and Introduction of Members by Chairperson

- Dr.S.A.Pasupathy, Professor and Head delivered the welcome address and introduced the BOS Panel Members.
- He presented about the history of the institute and the department to the newly formed BoS panel members. He presented various facilities of the department and the Institute Vision, Mission, Department Vision, Mission, PEOs, POs and PSOs.
- The chairperson presented the previous 16th BoS meeting details and Department advisory board (DAB) meeting outcomes. The CO-PO mapping along with PEOs and PSOs were discussed.

2. Curriculum - balance of courses as per domain, pre-requisites

- **Suggestions by Members:** The BoS members reviewed the curriculum presentation and satisfied with balance of courses as per domain. Dr. K. S. Geetha, subject expert suggested that U18ECI5202 - Computer Architecture and Microprocessor course contents must be restructured since the Microprocessor is a pre-requisite for Computer Architecture.

Response: The suggestion given by the subject expert was accepted and last three modules belonging to Microprocessor were restructured as first three modules and first two modules belonging to Computer Architecture were arranged as last two modules.

3. Syllabus - Updation and relevance to industrial, career requirement:

- The BoS Chairman presented the UG - R18 Curriculum and Syllabus for 5th to 8th Semesters, Elective Syllabus and Amendments in PG - R18 Communication Systems.
- **Suggestions by Members:** Dr. M. S. Sudhakar, Subject Expert expressed that there are few courses found to have old references books and suggested to update with recent edition for the next revision of curriculum and syllabus.

Response: Module coordinators and faculty members assured to include the latest edition of reference books during the next revision.

- **Suggestions by Members:** Dr. M. S. Sudhakar, Subject Expert suggested to reorganize “Module 3 – Clustering and Dimensionality Reduction” contents of the course U18ECE0014 - Machine Learning.

Response: The suggestion was accepted and “Module 3 – Clustering and Dimensionality Reduction” contents of the course U18ECE0014 - Machine Learning has been reconstructed.

- **Other changes proposed in the UG – R18 Curriculum and Syllabus and Amendments in PG – R18 Communication Systems**

- R18 – 5th Semester to 8th Semester Curriculum and Syllabus were approved by the BoS members.
- R18 Professional Electives were reviewed and finalized.
- R18 Open Electives were reviewed and finalized.
- R18 Amendments for Protosem and Course waiver were approved.

- A new one credit course titled “U18ECC0006 - Urban Mining and Electronic Resource from E-Waste” was approved as R18 amendment.
- Amendments in PG – R18 Communication Systems were approved.

4. Course Delivery - Mode and effectiveness

- **Suggestions by Members:** The BoS members suggested that certain concepts in VLSI, Communication, Software Defined Radio shall be offered through Virtual laboratories.
- **Response:** The faculty members explained about various software tools that are being used in VLSI and Communication laboratories as virtual tools.

5. Course Assessment - Mode and effectiveness

- **Suggestions by Members:** Dr. M. S. Sudhakar, Subject Expert asked about the variation in the number of COs from 4 to 6 and suggested to have uniform number of COs across all courses.

Response: The chairperson explained that the number of COs was depending on the content of the course and assured to take into consideration the suggestion in the next revision of the curriculum and syllabus.

- **Suggestions by Members:** The BoS members suggested that the mapping of COs with POs needed some strategy and asked to ensure that all the POs have been mapped in the program.

Response: The chairperson and module coordinators replied that the CO-PO mapping was done by the respective module coordinators and their team. They have ensured the appropriate CO-PO mapping through multiple scrutiny.

6. Infra requirement, upgradation

- **Suggestions by Members:** Mr. S. Chella Kumar, industry expert enquired about the front end and back end tools used in VLSI laboratory for UG and PG students.

Response: The faculty members listed out various tools used in VLSI laboratory and industry expert satisfied about the tools available in the laboratory.

7. Student's knowledge and skill development

- **Suggestions by Members:** Dr. C. Vasanthanayaki, University Nominee/Subject Expert and Dr. K. S. Geetha, subject expert suggested that new elective on Deep learning may be included during the next revision, as this will develop skill of students and generate good employment opportunities.

Response: Module coordinators accepted to include deep learning based elective course during the next revision.

8. Faculty and support faculty development / training

- **Suggestions by Members:** The BoS members satisfied on faculty and support faculty development and there were no suggestions on it.

9. Faculty qualification/ specialisation - recommendation

- **Suggestions by Members:** The BoS members satisfied on faculty qualification / specialisation and there were no suggestions on it.

10. The Alumni members Mr. A. Chandramouli and Mr. P. Nithyanandham and student members Ms. S. Sukirtha and Mr. A. Adarsh from the department association expressed that they satisfied with curriculum and syllabus proposed.

11. The BoS Chairman proposed vote of thanks and concluded the meeting.



Dr.S.A.PASUPATHY

HoD/ECE
Professor & Head
Dept.of Electronics and Communication Engg.
Kumaraguru College of Technology
Colombatore – 641 049.