



# MUTHAYAMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited by NAAC, NBA & Affiliated to Anna University)  
Rasipuram - 637 408, Namakkal Dist., Tamil Nadu.

Department of Electronics and Communication Engineering

Minutes of 4<sup>th</sup> Board of Studies Meeting

Venue: ECE Research Centre

Date: 20.08.2019

Sl.No.

Members

1. **Dr. U.Saravanakumar – Chairman, Board of Studies**  
Professor & Head,  
Department of Electronics and Communication Engineering,  
Muthayammal Engineering College,  
Rasipuram-637408
2. **Dr. C.Vasanthanayaki – University Nominee**  
Professor & Head,  
Department of Electronics and Communication Engineering,  
Government College of Engineering,  
Salem -25.
3. **Dr. P.Nirmal Kumar – Academic Expert**  
Professor,  
Department of Electronics and Communication Engineering,  
CEG Campus,  
Anna University,  
Chennai-600 025.
4. **Mr.P.Chinnadurai – Industry Expert**  
Associate Consultant,  
Jasmine Infotech Pvt. Limited,  
Chennai.
5. **Mr. N.Surendar - Alumni**  
Junior Telecom Officer,  
BSNL, Mohanur Road,  
Namakkal.

6. **Dr.B.Gopi - Internal Member**  
Professor and Dean,  
Department of Electronics and Communication Engineering,  
Muthayammal Engineering College,  
Rasipuram-637408.
7. **Dr.T.R.Ganesh Babu - Internal Member**  
Professor,  
Department of Electronics and Communication Engineering,  
Muthayammal Engineering College,  
Rasipuram-637408.
8. **Dr.T.Kowsalya - Internal Member**  
Professor,  
Department of Electronics and Communication Engineering,  
Muthayammal Engineering College,  
Rasipuram-637408.
9. **Dr.J.Rangarajan - Internal Member**  
Professor,  
Department of Electronics and Communication Engineering,  
Muthayammal Engineering College,  
Rasipuram-637408.
10. **Dr.K.Jothiramalingam - Internal Member**  
Assistant Professor,  
Department of Electronics and Communication Engineering,  
Muthayammal Engineering College,  
Rasipuram-637408.
11. **Dr.P.Suresh - Internal Member**  
Professor,  
Department of Mechanical Engineering,  
Muthayammal Engineering College,  
Rasipuram-637408.

## Minutes of Meeting

- The Chairman of the Board of Studies welcomed all the members for the 4<sup>th</sup> Board of Studies Meeting in the department of ECE.
- The Anna University Nominee Suggested to include the mandatory courses in the curriculum with reference to UGC guidelines and AICTE model Curriculum.
- The BoS members discussed the scheme, curriculum and syllabi of B.E. Electronics and Communication Engineering degree programme for the Regulations 2019 based on the AICTE recommendations with 161 credits.
- Curriculum as suggested by the Curriculum Development Committee (CDC) was reviewed and recommended.
- As per the suggestions of Stake holders, to enhance the practical skill of the students, separate Lab courses were introduced instead of Lab courses embedded with theory courses. After reviewing, the BoS members approved this.
- To align with the Make in India initiative by the Government, the BoS members recommended to include one or two papers related to concepts in design of products.
- On considering the National strategy of Artificial Intelligence and Health mission, BoS members reviewed and approved to include the Courses AI and Machine Learning, Internet of Things, Bio Sensors & Bio MEMS as Core or Elective course.
- New courses introduced into the curriculum to meet Industries requirements and to bridge the gap between Industry and Academy were discussed by the BoS members.
- The BoS members suggested that the topics like FinFET and DGFET may be included in Electron Devices. Also, suggested to keep the Biasing of electronic devices as a separate unit.
- Electronic Simulation Lab experiments can be done with discrete components and Open Source EDA tools like LTSpice, Tinkercad and eSim of FOSSEE. Also, BoS members suggested the Virtual Lab of IITs to conduct the lab experiments.
- The course named Mathematics for System & Signal Analysis should be offered as two different courses called as Mathematics, Signals and Systems.

- BoS members suggested that the course named “Digital Electronics” may be renamed as “Digital System Design”. Also, the course “VLSI Design” may be renamed as “VLSI Circuit Design”.
- Topic on ARM Processor Architecture and its application may be included in Microcontroller Based System Design course.
- Stake holders suggested to include courses towards improvement of life skill and ethics of the students.
- BoS members suggested to include advanced courses as an elective.
- Syllabus revisions were carried out in the curriculum as per the Annexure – I and discussed by the BoS members.
- BoS members suggested to offer One Credit course or Internship with Industries to meet the current trends.
- The attainment level of Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) were discussed by the BoS members.
- The CO attainment calculation for both the theory and practical courses were discussed and it was suggested that the levels may be fixed based on the course content or type.
- The PO/PSO attainment calculation methods were discussed.
- BoS members discussed the Value Added Courses, Employability Courses, Entrepreneurship and Skill Development Courses suggested by the stakeholders.
- Finally, Chairman of the Board thanked all the members for their Presence and Valuable Suggestions towards the enrichment of the Curriculum and Syllabi.



**Chairman**  
**Board of Studies**

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**Board of Studies**  
Department of Electronics and Communication Engineering  
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