



**MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY  
THIRUVANANTHAPURAM-695015**

**Department of Electronics and Communication Engineering**

MINUTES OF MEETING: FIRST MEETING OF BOARD OF STUDIES(AUTONOMOUS)

VENUE: SENATUS HALL / ONLINE

DATE: 18.11.2020 (WEDNESDAY)

TIME: 03:00 PM

**Members present:**

1	Dr. M. J. Jayashree, Professor & Head	Chairman
2	Dr. P. P. Deepthi, Professor & Head, Dept. of ECE, NITC(Attended Online)	Member
3	Dr. S. Raghavan, Visiting Professor, Dept. of ECE, NITT(Attended Online)	Member
4	Mr. Balamurali L., Director Q&T, SFO Tech.(Attended Online)	Member
5	Dr. P. Muthuchidambaranathan, Professor & Head, Dept.of ECE, NITT (Attended Online)	Member
6	Dr. M. Meenakshi, Professor, College of Engg. Guindy(Attended Online)	Member
7	Dr. S. M. Sameer, Professor, NITC (Attended Online)	Member
8	Dr. Seena V. Assoc. Professor, Dept. of Avionics, IIST(Attended Online)	Member
9	Prof. S. Viswanatha Rao, Vice Principal	Member
10	Dr. Paul Thomas, Professor & Dean (PG)	Member
11	Dr. Jayakumari J., Professor	Member
12	Ms. Luxy Mathews, Assoc. Professor	Member
13	Ms. Swapna P.S., Asst. Professor	Member
14	Ms. Teena Rajan, Asst. Professor	Member
15	Dr. Sreedevi P., Asst. Professor	Member
16	Ms. Deepa P.L., Asst. Professor	Member
17	Ms. Lani Rachel Mathew, Asst. Professor(Attended Online)	Member
18	Mr. Jinu Baby, Asst. Professor	Member
19	Mr. Anoop K. Johnson, Asst. Professor	Member
20	Ms. Ann Mary Alex, Asst. Professor	Member
21	Ms. Athira V., Asst. Professor	Member
22	Ms. Remya Annie Eapen, Asst. Professor(Attended Online)	Member
23	Ms. P.P. Hema, Asst. Professor	Member
24	Ms. Riya John, Asst. Professor	Member
25	Ms. Lakshmy S., Asst. Professor	Member
26	Ms. Anu Susan Philip, Asst. Professor	Member



27	Mr. Sherry Varghese George, Asst. Professor	Member
28	Ms. Roselin Raju, Asst. Professor(Attended Online)	Member
29	Ms. Amritha B.J., Asst. Professor	Member
30	Ms. Ancy Joy, Asst. Professor(Attended Online)	Member
31	Mr. Arun J.S., Asst. Professor	Member
32	Mr. Jithin M. George, Asst. Professor	Member
33	Mr. Jijo Jose, Asst. Professor	Member
34	Dr. Neeradha C. K., Asst. Professor(Attended Online)	Invitee
35	Dr. Veena Nair, Asst. Professor(Attended Online)	Invitee
36	Dr. Krishna Mohan G. P., Asst. Professor(Attended Online)	Invitee
37	Ms. Lakshmi J. S., Asst. Professor(Attended Online)	Invitee
38	Ms. Nimisha Anna Jacob, Asst. Professor(Attended Online)	Invitee
39	Dr. Rajesh T. N., Assoc. Professor & Head, Dept. of ME	Invitee
40	Dr. Shalu George K., Asst. Professor (Attended Online)	Invitee
41	Dr. Tessy Mathew, Assoc. Professor & Head, CS Dept(Attended Online)	Invitee
42	Ms. Tisny D. B, Asst. Professor (Attended Online)	Invitee
43	Mr. Bobin Saji George, Asst. Professor(Attended Online)	Invitee
44	Dr. Nisha G. K, Professor & Head, Dept. of EE	Invitee
45	Ms. Anc y S. Anselam, Assoc. Professor	Member Secretary

**Members on leave:** Dr K. Giridhar, Ms. Minu Maria Joseph & Mr. Shiras S.N  
Nomination awaited from APJ Abdul Kalam Technological University.

### Minutes of Meeting

Item	Subject
<b>EC:BS 1.01</b>	<b>Invocation</b> <b>Welcome Note &amp; Introduction of Members</b>
<b>Gist</b>	Chairman apprised that there was quorum for the meeting as the 34 members and 11 invitees were present for the meeting. Proceedings began with asilent prayer. The Chairman introduced all the Subject Experts and senior faculty members of the Board and welcomed all to the first meeting of the Board of Studies.
<b>EC:BS 1.02</b>	<b>Consideration of (1) the Orders from the University Grants Commission on conferment of the Autonomous status to the College, (2) orders by the Government of Kerala (3) the Notification by the University (KTU), (4) the UGC Regulations-2018 and (5) the Notification by the Malankara Catholic Educational Society, Trivandrum on the constitution of the statutory bodies of the College and to take these Orders on record for further action.</b>



<b>Decision</b>	<p>Board of Studies(BOS) resolved to take the following documents on record, and to proceed accordingly:</p> <p>(1) UGC Letter No. F.22-1/2017(AC) dated 15.07.2020.  (2) Letter No. J2/120/2019/HEDN dated 24.07.2020.  (3) Notification No. KTU/SO(ADMIN) 2904/2019 dated 18.09.2020.  (4) UGC Regulations on Autonomous Colleges dated 12.02.2018.  (5) MCES Notification No. MAT/ Ed.IV/PC/MBC05/389/2020 dated 05.10.2020.</p>
<b>EC:BS 1.03</b>	<p><b>Consideration of the decision of the Governing Body and the Academic Council on constitution of the Board of Studies under Section 13 Clause 13.5 of the UGC Regulations-2018, applicable for Autonomous Colleges, for adoption and further action.</b></p>
<b>Decision</b>	<p>Chairman presented the constitution of BoS, adopted by Governing Body and Academic Council, which in nutshell was as follows.</p> <p>Chairman (Ex officio) is the Professor &amp; Head of Dept. of ECE. All the faculty members of Dept.of ECE are the internal members of BoS.</p> <p>Out of the 10 external experts, nomination of one member from the APJ Abdul Kalam Technological university is awaited.</p> <p>BoS noted the directions of the Governing Body and Academic Council with regard to the Member Secretary (for the operational conveniences and for helping the Chairman in the documentation of the proceedings).</p> <p>Ms. Ancy S. Anselam was proposed to be co-opted as the Member Secretary of BoS.</p> <p>BoS resolved to co-opt Ms Ancy S. Anselam as the Member Secretary for a period of 3 years.</p>
<b>BS:EC 1.04</b>	<p><b>Consideration of the Vision and Mission Statement of the Department in the autonomous system and the remarks of the Academic Council for reviewing the statements and the discussions for further action.</b></p>
<b>Decision</b>	<p>BOS examined the proposed Vision and Mission statements of the Department in the light of the corresponding statements of the College.</p> <p>The Chairman presented how the key components in Vision and Mission of Department are mapped with Vision and Mission of the institute.</p> <p>The Subject Experts commented to go ahead with the existing Vision and Mission since it is in aligned with the institute Vision and Mission.</p>
<b>BS:EC1.05</b>	<p><b>Considering the Programmes being offered by the Department and the Curriculum Framework to be followed under Autonomy, and adopting the same for further action.</b></p>
<b>Decision</b>	<p>The Chairman presented the B.Tech and M.Tech Curriculum Framework to be followed under Autonomy. The role of Activity points and the different Activities for which the points would be allotted were also described, the draft of which is being prepared.</p> <p>Curriculum framework for the B.Tech Programme was approved.</p> <p>Curriculum framework for the M.Tech Programme was approved.</p>



<b>BS:EC 1.06</b>	<b>Consideration of the Syllabi of the Courses to be offered by the Department for the First Year level in the B.Tech Programmes for approval.</b>
<b>Decision</b>	The BoS examined the proposed Syllabus and approved the same with the following modification.  In the subject Engineering Physics A (PH0U10A), it is decided to modify the 4 <sup>th</sup> reference as 4 <sup>th</sup> edition of same book as per the suggestion from Dr P. Muthuchidambara Nathan even if the content is exactly same as KTU.
<b>BS:EC 1.07</b>	<b>Consideration of the Syllabi of the Courses to be offered by the Department for the M.Tech Programme for approval</b>
<b>Decisions</b>	BoS examined the proposed M.Tech syllabus and approved the same with the following modifications:  <ol style="list-style-type: none"> <li>1. Telecommunication Lab-I (EC1P68A): Include more experiments, in accordance with the suggestion put forward by Dr M. Meenakshi.</li> <li>2. Wireless communication and Networks (EC1P60F): Include recent topics based on latest edition of text books and add 'Wireless communication by Dr P. Muthuchidambara Nathan-Prentice Hall Edition as a reference book as per the suggestion from Dr. S. Raghavan.</li> <li>3. Telecommunication lab-II (EC1P68B): Include the performance Analysis of all the Channel coding schemes as commented by Dr M. Meenakshi.</li> </ol>
<b>BS:EC 1.08</b>	<b>Consideration of the Academic Calendar for the First Semester of the B.Tech and M.Tech Batches being admitted under Autonomy in 2020-2021 and the directions there on by the Academic Council and adopting the same for further action.</b>
<b>Decision</b>	BoS observed the general guidelines in the academic calendar approved by Academic Council with following details:  Number of Instructional days: 75 days/ Semester Study holidays before End Semester Examination: Maximum 10 Calendar days from the close of the Semester Gap between examination: Minimum one day/ the calendar holidays Declaration of Results: Within two weeks from the date of the last examination in the corresponding schedule.
<b>BS:EC 1.09</b>	<b>Reporting items</b>  <ol style="list-style-type: none"> <li>(1) Reporting on the constitution of IQAC</li> <li>(2) Reporting on the constitution of Examination Cell</li> <li>(3) Reporting on the appointment of Director of Corporate Relations for the College</li> </ol>
<b>Decisions</b>	Chairman reported the constitution of IQAC, Examination Cell and the appointment of Director of Corporate relations.  BoS noted the same.
<b>BS:EC 1.10</b>	<b>Any other Matter with the permission of the Chair</b>
<b>Decisions</b>	<ol style="list-style-type: none"> <li>1. Dr S. Raghavan commented that more microwave related subjects can be made as core courses by replacing computer related subjects.</li> <li>2. External members suggested not to include the marks of attendance in</li> </ol>



	<p>continuous Assessment. Also, mentioned that the attendance should only be the eligibility criterion to write the exam. Dr S. Raghavan added to include 5 marks for attendance if it is very much required.</p> <ol style="list-style-type: none"><li>3. Dr S. Raghavan insisted to add 'NUMERICAL TECHNIQUES' for planar transmission lines and Microwave Integrated Circuits. The content of the Applied Linear Algebra subject for first M.Tech should be restructured so as to help in the design of telecommunication circuits and analysis.</li><li>4. External experts commented that the M1 syllabus is very tough and loaded.</li><li>5. Dr P. Muthuchidambara Nathan commented that including the year of introduction as 2020 in all the course syllabi is irrelevant.</li><li>6. External experts commented that as per the latest AICTE curriculum for M.Tech programme, atleast two lab courses are mandatory per semester. Here only one lab is there per semester.</li><li>8. Dr S. Raghavan suggested to include the topic Planar Antenna in Antenna Theory and Design.</li><li>9. Mr. Balamurali enquired on how the students are getting connected to the industry through this curriculum. As a response, it is suggested to include invited lecturers, internships and industrial visits.</li><li>10. Dr. S. Raghavan suggested to include the course Electromagnetic Theory in second year itself. Also mentioned that, some of the common core subjects (Microwave Devices and Circuits) can be included as core courses in the curriculum.</li><li>11. Suggested to include MIC as one of the elective courses in M.Tech TCE.</li><li>12. Some experiments using SDR platforms may be included in Telecommunication Lab II.</li><li>13. Regarding the curriculum and flexibility in terms of electives following suggestions were received:<ul style="list-style-type: none"><li>- Dr. S. M. Sameer commented that, six theory subjects and two lab courses in a semester make the course really tight. If the student is required to acquire some additional skills(programming and soft skills), the direct academic content delivery has to be regulated in such a way that the students will get more time to do such activities</li><li>- Dr. P. P. Deepthi mentioned that, the number of electives is very less with only 15 credits and 6<sup>th</sup> semester is too late to start the electives.</li><li>- External members suggested to utilize the freedom given through autonomy in academics to make the students professionally competent.</li></ul></li></ol> <p>BoS noted the suggestions for future action.</p>
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Chairman proposed the Vote of Thanks.

Meeting adjourned at 04.45 pm.

Date. 26.11.2020

Member Secretary  
( Ms Ancy S. Anselam)

CHAIRMAN  
(Dr M.J.Jayashree)

Approved with permission for circulation among the BoS Members

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