



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

**Department of Electronics and Communication Engineering**

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

VENUE: SENATUS HALL / ONLINE

DATE: 25:11:2021(THURSDAY)

TIME: 10:00AM

**Members present:**

1	Dr. Jayakumari J, 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	Dr. G. K.Giridhar, Professsor, Dept. of ECE, IIT Madras (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	Dr. Birenjith P. S., KTU Nominee, Asst. Professor, Dept. of ECE, GEC, Barton Hill (Attended Online)	Member
10	Dr. S. Viswanatha Rao, Professor & Vice Principal	Member
11	Dr. Paul Thomas, Professor & Dean (PG)	Member
12	M. J. Jayashree, Professor & IQAC Coordinator	Member
13	Ms. Luxy Mathews, Assoc. Professor	Member
14	Dr. Swapna P.S.,Asst. Professor	Member
15	Ms. Teena Rajan, Asst. Professor	Member
16	Dr. Sreedevi P., Asst. Professor	Member
17	Ms. Deepa P.L., Asst. Professor	Member
18	Mr. Niyas K. Haneefa, Asst. Professor	Member
19	Mr. Jinu Baby, Asst. Professor	Member
20	Mr. Anoop K. Johnson, Asst. Professor	Member
21	Ms. Ann Mary Alex, Asst. Professor	Member
22	Ms. Athira V., Asst. Professor	Member
23	Ms. Remya Annie Eapen	Member
24	Ms. Lakshmy S.	Member



25	Ms. Anu Susan Philip, Asst. Professor	Member
26	Mr. Sherry Varghese George, Asst. Professor	Member
27	Ms. Amritha B.J., Asst. Professor	Member
28	Ms. Ancy Joy, Asst. Professor(Attended Online)	Member
29	Mr. Arun J.S., Asst. Professor	Member
30	Mr. Jijo Jose, Asst. Professor	Member
31	Ms. Salga Ann Jacob	Member
32	Ms. Anc y S. Anselam, Assoc. Professor	Member Secretary

**Members on leave:** Mr. Balamurali L., Ms. Minu Maria Joseph, Ms. Lani Rachel Mathew

### Minutes of Meeting

Item	Subject
EC:BS 3.01	(a) Invocation
	(a) Welcome Note by Chair
	(b) Introduction of new members
	(c) Confirmation of the Minutes of the Second Meeting of the Board of Studies held on 04/02/2021.
<b>Gist</b>	<p>Proceedings began with a silent prayer.</p> <p>Secretary apprised that there was quorum for the meeting as 32 members were present for the meeting.</p> <p>The Chairman welcomed all the members to the third meeting of the Board of Studies.</p> <p>The Chairman introduced KTU Nominee and two new internal members of the Board and welcomed them to the meeting of the Board of Studies.</p> <p>Minutes of the second meeting was confirmed by the Board of Studies.</p>
EC:BS 3.02	<b>Report on Admission, overview of the achievements in the Department after the second meeting of Board of Studies held on 04/02/2021</b>
<b>Decision</b>	Chairman presented a PPT showing the summary on the status of admission of 2021 batch of B. Tech and M. Tech Programmes, achievements and activities in the department after the second BoS meeting that was <b>held on 04/02/2021</b> .
EC:BS 3.03	<b>Consideration of the full Syllabus of Fifth and Sixth semester B. Tech (2020 Batch).</b>
<b>Decision</b>	The Chairman apprised the BoS that College was waiting for the affiliating University to publish the Syllabus of Semesters 5 and 6 of the 2019 Scheme for adopting it for the autonomy batch. The Chairman presented the <b>full Syllabus of the Fifth and Sixth semester of the B. Tech(ECE) programme</b> . BOS examined the same and accorded the approvals.



<b>EC:BS 3.04</b>	<b>Considering the new curriculum framework for the scheme proposed for implementation in 2022, for the programme – B. Tech in Electronics and Communication Engineering.</b>																																																																								
<b>Decision</b>	<p>The Chairman presented the new preliminary Curriculum frame work for B.Tech in Electronics and Communication Engineering (proposed 2022 scheme).</p> <p>The Board of Studies examined the preliminary Curriculum frame work and proposed some suggestions for consideration before finalizing the framework and the same have been noted. As per the approved framework, the total credit shall be 162 and the domain wise/year wise credit split up would be as given below.</p> <table border="1" data-bbox="400 566 1482 1332"> <thead> <tr> <th>Sl. No.</th> <th>Category</th> <th>Category Code</th> <th>Total credits KTU</th> <th>Total credits AICTE</th> <th>Total credits Autonomy</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Humanities and Social Sciences including Management Courses</td> <td>HSC</td> <td>8</td> <td>12</td> <td>8</td> </tr> <tr> <td>2</td> <td>Basic Science Courses</td> <td>BSC</td> <td>26</td> <td>25</td> <td>26</td> </tr> <tr> <td>3</td> <td>Engineering Science Courses</td> <td>ESC</td> <td>22</td> <td>24</td> <td>22</td> </tr> <tr> <td>4</td> <td>Programme Core Courses, Comprehensive Course Work and Viva Voce</td> <td>PCC</td> <td>76</td> <td>48</td> <td>70</td> </tr> <tr> <td>5</td> <td>Programme Elective Courses</td> <td>PEC</td> <td>15</td> <td>18</td> <td>18</td> </tr> <tr> <td>6</td> <td>Open Elective Courses</td> <td>OEC</td> <td>3</td> <td>18</td> <td>6</td> </tr> <tr> <td>7</td> <td>Project Work and Seminar</td> <td>PWS</td> <td>10</td> <td>15</td> <td>10</td> </tr> <tr> <td>8</td> <td>Mandatory Non-credit Courses (P/F) with Grade</td> <td>MNC</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>9</td> <td>Mandatory Student Activities (P/F)</td> <td>MSA</td> <td>2</td> <td>---</td> <td>2</td> </tr> <tr> <td colspan="3">Total Mandatory Credits</td> <td><b>162</b></td> <td><b>160</b></td> <td><b>162</b></td> </tr> <tr> <td></td> <td>Value Added Courses (Optional) – Honours/Minor</td> <td>VAC</td> <td>20</td> <td></td> <td>20</td> </tr> </tbody> </table> <p>Chairman informed the BoS that the framework would be presented in the Academic Council and if any requirement of modifications arise for any reason the framework would be presented again in the BoS for consideration and approval</p>	Sl. No.	Category	Category Code	Total credits KTU	Total credits AICTE	Total credits Autonomy	1	Humanities and Social Sciences including Management Courses	HSC	8	12	8	2	Basic Science Courses	BSC	26	25	26	3	Engineering Science Courses	ESC	22	24	22	4	Programme Core Courses, Comprehensive Course Work and Viva Voce	PCC	76	48	70	5	Programme Elective Courses	PEC	15	18	18	6	Open Elective Courses	OEC	3	18	6	7	Project Work and Seminar	PWS	10	15	10	8	Mandatory Non-credit Courses (P/F) with Grade	MNC	---	---	---	9	Mandatory Student Activities (P/F)	MSA	2	---	2	Total Mandatory Credits			<b>162</b>	<b>160</b>	<b>162</b>		Value Added Courses (Optional) – Honours/Minor	VAC	20		20
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<b>EC:BS 3.05</b>	<b>Considering the new curriculum framework for the scheme proposed for implementation in 2022, for the programme – M. Tech in Telecommunication Engineering.</b>																																																																								
<b>Decision</b>	<p>The Chairman presented the new preliminary Curriculum frame work for M.Tech in Telecommunication Engineering(proposed 2022 Scheme).</p> <p>The Board of Studies examined the preliminary Curriculum frame work and proposed some suggestions for consideration before finalizing the framework and the same have been noted. As per the approved framework, the total credit shall be <b>67</b> and the domain wise/year wise credit split up would be as given below</p>																																																																								



Sl. No.	Category	Category Code	Proposed New curriculum
1	Programme Core Course	PCC	18
2	Laboratory Course		03
3	Programme Elective Course	PEC	21
4	Mandatory Credit Course (Research Methodology)	MCC	02
5	Mini Project	PWS	02
6	Seminar		02
7	Project		18
8	Internship		01
	Total Credits		67

Chairman informed the BoS that the framework would be presented in the Academic Council and if any requirement of modifications arise for any reason the framework would be presented again in the BoS for consideration and approval

<b>EC:BS 3.06</b>	<b>Considering the Vision and Mission statements of the Department for modification in the context of new curriculum framework for the scheme proposed for implementation in 2022 for the B.Tech and M.Tech programmes.</b>
<b>Decision</b>	The Board of Studies examined the present Vision and Mission and suggested to look into the suitability of "Centre of Excellence" in the existing statement. Chairman presented that a detailed discussion with the stakeholders would be conducted in respect of the Vision and Mission statements before adopting the modified version
<b>EC:BS 3.07</b>	<b>Considering the list of Examiners for first and second year B. Tech and M. Tech Programmes.</b>
<b>Decision</b>	The Chairman presented the <u>additional list</u> of examiners for the first and second year B.Tech and M.Tech End Semester Examinations. BoS approved the same.
<b>EC:BS 3.08</b>	<b>Reporting on the Examinations conducted</b> <b>(a) Summary of the conduct of the First Semester Examination of the programme B.Tech in Electronics and Communication Engineering</b> <b>(b) Summary of the conduct of the First Semester Examination of the programme M.Tech in Electronics and Communication Engineering</b>
<b>Decision</b>	The Chairman presented the first semester B.Tech and M.Tech End Semester Examination results. BoS expressed its appreciation for the works done by the Department and the entire faculty and staff in carrying forward the classes and examinations during the challenging time of the pandemic.
<b>EC:BS 3.09</b>	<b>Any other matter with the permission of the Chair.</b>
<b>Suggestions</b>	1. Board of Studies suggested to look into the feasibility of exchanging the Courses Solid State Devices in third semester and Signals and Systems in fourth semester. 2. Suggested to retain the basic core courses and to include the contents based on latest technology under each course, after removing any redundant portions in the syllabus.



<ol style="list-style-type: none"><li>3. BoS suggested to explore the possibility of starting the Programme Core courses from first year itself so that more relevant core courses can be included during higher semesters</li><li>4. Basic courses to be included in the programme core need to be identified and the advanced courses could be part of the elective courses.</li><li>5. Electives may be introduced earlier, during 3<sup>rd</sup> or 4<sup>th</sup> semester</li><li>6. The need for the existing Comprehensive Coursework may be re-looked.</li><li>7. The BoS felt that the total credits of 162 for B.Tech was on the higher side, considering the number of hours the students are expected to spend for learning, beyond class hours</li><li>8. The autonomous status may be utilised to bring in relevant changes and flexibility in the curriculum structure and choice of courses, etc.</li><li>9. The BoS also recommended to gather more inputs from the stakeholders such as students, alumni and industry for more suggestions towards framing a more up-to-date and relevant curriculum for the proposed 2022 schemes of both UG and PG.</li></ol> <p>The Chairman informed that the suggestions were noted for future action and the outcome of the follow up would be presented in the forthcoming meetings.</p>
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Member Secretary proposed the Vote of Thanks.

Meeting adjourned at 12.15 pm.

Date.30.11.2021

Sd/-  
Member Secretary  
(Ms. Ancy S. Anselam)

Sd/-  
CHAIRMAN  
(Dr. Jayakumari J)

Approved with permission for circulation among the BoS Members

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