



**MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)**

THIRUVANANTHAPURAM-695015

DEPARTMENT OF MECHANICAL ENGINEERING

**MINUTES OF MEETING (DRAFT) OF THE BOARD OF STUDIES HELD IN
SENATUS HALL ON 26.11.2021 (FRIDAY) AT 03:00 PM**

Members present:

1	Dr. Rajesh T. N.	Chairman
2	Dr. T. Jayachandran (Attended Online)	Member
3	Dr. P. K. Rajendra Kumar (Attended Online)	Member
4	Dr. Sujatha C. (Attended Online)	Member
5	Dr. Praveen Krishna (Attended Online)	Member
6	Dr. K. Muraleedharan Nair	Member
7	Dr. Remil George Thomas	Member
8	Mr. Pradeep M.	Member
9	Dr. Nidhi M. B. (Attended Online)	Member
10	Dr. Vinod V.	Member
11	Mr. Ayswer A. S.	Member
12	Dr. Premchand V. P. (Attended Online)	Member
13	Mr. Arvind P. (Attended Online)	Member
14	Dr. Deepak G. Dilip	Member
15	Mr. Deepak B.	Member
16	Mr. Roshan George Koshy	Member
17	Mr. Ajeesh M. V.	Member
18	Mr. Kedar Mohan	Member
19	Ms. Ruby Maria Syriac (Attended Online)	Member
20	Mr. Bobin Saji George	Member
21	Mr. Vishnu Asok J. S. (Attended Online)	Member
22	Mr. Melvin Jacob	Member
24	Mr. Vaisakh S. Nair	Member
25	Mr. Emmanuel Ruben Gilbert (Attended Online)	Member
26	Mr. Alen K. Johnson (Attended Online)	Member
28	Mr. Abhiram R. Nair (Attended Online)	Member
29	Mr. AkhilChandran B. S. (Attended Online)	Member
30	Mr. Mobin M. Mathew (Attended Online)	Member
31	Mr. Bipin Sankar (Attended Online)	Member
32	Mr. Vinu V. (Attended Online)	Invitee



33 Dr. Jaya S Pillai (Attended Online)

Invitee

34 Mr. Deepak B. S.

Member Secretary

**Members on leave: Dr. T. K. Suresh Babu, Dr. Unnikrishnan M., Mr. Jagajith S.,
Dr. P. S. Prasanth**

Minutes

Agenda Note Item	Subject
ME:BS 3.01	<ul style="list-style-type: none">• Welcome Note• Confirmation of the Minutes of the Second Meeting of the Board of Studies held on 29.01.2021
Decision of the body	Board of Studies (BoS) resolved to confirm the minutes of the Second Meeting held on 29.01.2021.
ME:BS 3.02	Report on the actions taken/actions pending on the pertinent decisions in the Minutes of the Second Meeting of the Board of Studies held on 29.01.2021
Decision of the body	BoS reviewed the Action Taken Report of the Second Meeting and recommended to proceed accordingly.
ME:BS 3.03	Report on the achievements in the Department after the Second meeting of Board of Studies held on 29.01.2021
Gist	The Chairman presented an overview of the noted achievements of the department for the past ten months after the Second meeting of Board of Studies held on 29.01.2021.
ME:BS 3.04	Consideration of the syllabi of the courses to be offered by the department for the third year level in the B.Tech Programme for approval.
Decision of the body	BoS approved the proposed third year syllabus of B. Tech in Mechanical Engineering Programme with the following suggestions: <ol style="list-style-type: none">1. To rename the course ME1U30F “Dynamics of Machinery and Machine Design” to “Dynamics and Design of Machinery” to make it align with KTU 2019 scheme.2. To rename the course ME0M30B “Thermal Engineering” to “Thermal Science and Engineering” to make it align with KTU 2019 scheme.3. To swap ME1U31B”Data Analytics for Engineers” in Programme Elective 1 with ME1U42D “Computational Fluid Dynamics” in Programme elective 3 to make it align with KTU 2019 scheme.4. For the course ”ES0U10C: Basics of Civil and Mechanical Engineering”; CO5 “Analyse thermodynamic cycles and Illustrate the working and features of IC Engines” in apply level is modified to understand level.
ME:BS 3.05	Consideration of the new curriculum frame work for the scheme proposed for implementation in 2022 for the B.Tech programme in Mechanical Engineering for discussion and approval.



<p>Decision of the body</p>	<p>BoS gave suggestions on the proposed new Curriculum for the B.Tech programme in Mechanical Engineering (2022). Following are the suggestions:</p> <ul style="list-style-type: none"> • To rename the course “Mechanics of Machinery” to “Kinematics of Machinery”. • To shift “Design of Machine Elements” from Eighth semester to the Seventh semester. • Programme elective “Finite Element Method” maybe replaced with “Advanced Finite Element Method”. • IC Engines– Open Source codes for Chemical Equilibrium maybe included. • Lab Courses – Lab courses may be offered in the succeeding semester after the theory courses are offered. • Lab courses may be offered as “Fluid Mechanics and Hydraulic Machines” in fifth semester and “Heat Engines and Thermal Engineering Lab” in the sixth semester. • Control courses maybe included in Curriculum as a separate course or as a part of Mechatronics. • Computational Methods in engineering maybe included in the curriculum. • National Education Policy 2020 maybe considered while finalising the curriculum.
<p>ME:BS 3.06</p>	<p>Report on the procedural of modification in the Vision and Mission statements of the Department</p>
<p>Decision of the body</p>	<p>BoS gave suggestions to conduct workshops by including stakeholders for formulating the Vision and Mission statement of the Department.</p>
<p>ME:BS 3.07</p>	<p>Reporting on ratification of list of examiners added after the second meeting of Board of Studies held on 29.01.2021</p>
<p>Decision of the body</p>	<p>BoS took note of the list of examiners and recommended to proceed accordingly.</p>
<p>ME:BS 3.08</p>	<p>Any other matter with permission of the Chair</p>
<p>Discussions</p>	<p>The scope of starting new M.Tech courses was discussed.</p> <p>Among the proposed new programmes, Design Engineering and Energy systems Engineering are well accepted. The committee had the view that the PG courses considering the growth opportunity and career development.</p> <p>The members also recommended to consult the same with stakeholders and Department advisory board members.</p> <p>Chairman, in his capacity as Head of Department, announced that department would take all the suggestions and endeavour to strive hard to take it forward.</p>

Chairman proposed the Vote of Thanks.



Meeting adjourned at 04.20 pm with thanks to the Chair.

Member Secretary

Date.10.12.2021



Approved with permission for circulation among the BoS Members

CHAIRMAN