



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

THIRUVANANTHAPURAM-695015

DEPARTMENT OF MECHANICAL ENGINEERING

**MINUTES OF MEETING OF THE BOARD OF STUDIES HELD IN
SENATUS HALL ON 12.07.2023 (WEDNESDAY) AT 03:00 PM**

Members present:

1	Dr. Remil George Thomas	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. Rajesh T. N.	Member
8	Dr. Pradeep M.	Member
9	Dr. Nidhi M B	Member
10	Dr. Vinod V.	Member
11	Mr. Ayswer A S	Member
12	Dr. Premchand V. P.	Member
13	Mr. Arvind P.	Member
14	Dr. P S Prasanth	Member
15	Mr. Deepak B	Member
16	Mr. Roshan George Koshy	Member
17	Mr. Ajeesh M. V.	Member
18	Ms. Ruby Maria Syriac (Attended Online)	Member
19	Mr. Melvin Jacob	Member
20	Mr. Vaisakh S. Nair	Member
21	Mr. Alen K. Johnson	Member
22	Mr. Abhiram R. Nair	Member
23	Mr. Akhilchandran B S	Member
24	Mr. Mobin M Mathew	Member
25	Mr. Bipin Sankar	Member
26	Prof. Y. Mathew	Invitee
27	Dr. Nisha G. K.	Invitee
28	Dr. Archana P Das	Invitee
29	Ms. Uma V	Invitee



30	Ms. Nimisha Anna Jacob (Attended Online)	Invitee
31	Mr. Anoop K. Johnson	Invitee
32	Mr. Deepak B. S.	Member Secretary

Members on leave: Dr. T. K. Suresh Babu, Dr. M. Unnikrishnan, Mr. Jagjith S, Mr. Bobin Saji George

Minutes

Agenda Note Item	Subject
ME:BS 6.01	<ul style="list-style-type: none"> • Welcome Note • Confirmation of the Minutes of the Fifth Meeting of the Board of Studies held on 23.02.2023
Decision of the body	Board of Studies (BoS) resolved to confirm the minutes of the Fifth Meeting held on 23.02.2023
ME:BS 6.02	Report on the actions taken/actions pending on the pertinent decisions in the Minutes of the Fifth Meeting of the Board of Studies held on 23.02.2023
Decision of the body	BoS reviewed the Action Taken Report of the Fifth Meeting and recommended to proceed accordingly.
ME:BS 6.03	Report on overview of the major activities in the Department after the Fifth Meeting of the Board of Studies held on 23.02.2023
Gist	The Chairman presented an overview of the noted achievements of the department for the past four months after the Fifth meeting of Board of Studies held on 23.02.2023.
ME:BS 6.04	Considering the 2023 Autonomous draft Curriculum for the B.Tech programme in Mechanical Engineering.
Decision of the body	<p>BoS approved the proposed Curriculum for B.Tech in Mechanical Engineering (2023 scheme) with the following suggestions:</p> <ol style="list-style-type: none"> 1. To reduce the credits in first semester by shifting “Problem Solving and Programming in C” to the second semester. 2. To shift “Thermal Engineering” to the fifth semester. 3. To change the names and planned contents of the courses in design stream in Mechanics of Machinery, Dynamics of Machinery and Machine Design and Design of Machine Elements. 4. To add more number of electives to the elective baskets.
ME:BS 6.05	Considering the 2023 scheme first year draft syllabus for B.Tech programme in Mechanical Engineering.
Decision of the body	<p>BoS approved the proposed first year syllabi for B.Tech in Mechanical Engineering (2023 scheme) with the following suggestions:</p> <ol style="list-style-type: none"> 1. In the module four of Engineering Mechanics, “Motion of



	<p>connected bodies” maybe replaced with “Motion of connected bodies in a plane”.</p> <ol style="list-style-type: none"> To add motor fundamentals in “Basic Electrical Engineering A”. To add motor wiring in “Electrical and Electronics Workshop”.
ME:BS 6.06	Considering MooC Courses for sixth semester UG (Honours) programme in Mechanical Engineering
Decision of the body	BoS took note of the same and advised to proceed.
ME:BS 6.07	Consideration on the change in the syllabi of the course ‘22ME160A. Computational Methods for Engineers’ of the PG (Machine Design) programme (2022 scheme)
Decision of the body	<p>BoS approved the proposed changes in syllabus of 22ME160A. Computational Methods for Engineers’ of the PG (Machine Design) programme (2022 scheme) with the following suggestions:</p> <ol style="list-style-type: none"> To specify the module four under the heading, “Numerical solutions to system of ordinary differential equations”.
ME:BS 6.08	Considering MooC Courses for third semester PG (Machine Design) programme in Mechanical Engineering
Decision of the body	BoS took note of the same and advised to proceed.
ME:BS 6.09	Report on the change in end semester exam duration in M.Tech regulations (2022 scheme).
Decision of the body	BoS took note of the same and advised to proceed.
ME:BS 6.10	Any other matter with the permission of the Chair
Discussions	<p>The chairman presented the first year draft syllabi for B.Tech in Mechanical Engineering (2023 scheme). The following comments were made.</p> <ol style="list-style-type: none"> The course content of Linear Algebra and Calculus was commented to be vast and concerns were raised. It was informed that the same content is followed in the current scheme also. The possibility of including Physical Chemistry, Stoichiometric analysis and Reaction kinematics in Engineering Chemistry and Classical Mechanics in Engineering Physics were discussed. It was informed that the above courses in the proposed current scheme follows common syllabus across all programmes. The course content of Basic Electronics Engineering was commented to be vast. It was informed that the same content is followed in the current scheme also. Adding external talks and evaluation on “Professional Communication” was recommended by the BoS. It was informed that the same will be put forward for necessary action Regarding the assessment pattern and exam duration, the following comments were made by the BoS:



	<ul style="list-style-type: none">a) ESE marks may be reduced and more weightage should be given for CIA.b) Marks should not be awarded for attendance. Instead, minimum criteria may be made mandatory.c) ESE duration maybe reduced to 2 hrs.d) CAT duration maybe reduced to 1 lecture hour. <p>6. On report on the change in ESE duration of 20223 scheme PG programmes, the BoS commented that instead of increasing the exam duration the question pattern maybe modified.</p>
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Chairman proposed the Vote of Thanks.

Meeting adjourned at 04.30 pm with thanks to the Chair.

Sd/-

Member Secretary

Date.31.07.2023

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Approved with permission for circulation among the BoS Members

Sd/-

CHAIRMAN