

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

THIRUVANANTHAPURAM-695015

MINUTES OF MEETING OF THE FOURTH MEETING OF BOARD OF STUDIES
HELD IN THE SENATUS HALL ON 05.08.2022 (FRIDAY) AT 3.00 pm.

Members present:

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| 1. | Dr. Jayasree S. | Chairman |
| 2. | Dr. J. Murali Krishnan (attended Online) | Member |
| 3. | Dr. Anil R. (attended Online) [Nominee of KTU] | Member |
| 4. | Dr. N. Ganesan (attended Online) | Member |
| 5. | Dr. P. Jayabalan (attended Online) | Member |
| 6. | Dr. Tom V. Mathew (attended Online) | Member |
| 7. | Dr. S. Chandrakaran (attended Online) | Member |
| 8. | Dr. T. P. Somasundaram (attended Online) | Member |
| 9. | Mr. S.N. Raghuchandran Nair (attended Online) | Member |
| 10. | Ms. Micky Mathew (attended Online) | Member |
| 11. | Dr. M. Satyakumar | Member |
| 12. | Dr. Neethu Roy (attended Online) | Member |
| 13. | Dr. Elizabeth C. Kuruvilla (attended Online) | Member |
| 14. | Ms. Ann George | Member |
| 15. | Ms. Bindu Biju | Member |
| 16. | Dr. Jaya S. Pillai (attended Online) | Member |
| 17. | Ms. Lekshmi Chandran M. | Member |
| 18. | Ms. Anupama Krishnan | Member |
| 19. | Ms. Sherin Mathew | Member |
| 20. | Mr. Akhil Raj S. R. | Member |
| 21. | Dr. Jisha S. V. | Member |
| 22. | Ms. Nimisha Anna Jacob | Member |
| 24. | Ms. Smrithi Cheriya | Member |
| 25. | Ms. Panchami Lal | Member |
| 26. | Mr. Jomy Joseph | Member |
| 27. | Mr. Sijo M. Saji | Member |

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| 28. | Ms. Sageetha Sajeev | Member |
| 29. | Mr. Jobin Joy | Member |
| 30. | Ms. Nandana Ramesh (attended online) | Member |
| 31. | Dr. Archana J. Satheesh | Member |
| 32. | Dr. Alice Thomas | Member |
| 33. | Dr. Praveen P. S. | Member |
| 34. | Ms. Jean Molly Simon | Member Secretary |

Members on leave: Dr. K. V. Jayakumar, Ms. Rintu Johnson, Ms. Akhila A. M., Ms. Anupama Krishna D., Ms. Joju M. R., Ms. Ansu Mathew

Minutes

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| Subject CE:BS 4.01 | Welcome Note by Chair, welcome to new members to the Board of Studies and Confirmation of the Minutes of the Third Meeting of the Board of Studies held on 24/11/2021. |
| Gist | The Member Secretary appraised that there was quorum for the meeting as 32 members were present for the meeting. The Chairman mentioned that since AICTE has granted approval for a new P.G. programme – M.Tech Transportation Engineering, a new subject expert is to be introduced to the Board of Studies (BoS). The Chairman introduced Dr. Tom V. Mathew Professor, Department of Civil Engineering, Indian Institute of Technology, Bombay. The Chairman also welcomed the new faculty members to the Board of Studies and mentioned a word of gratitude to those who exited from the Board of Studies as a few of them have proceeded for career advancement. Minutes of the Third Meeting of the Board of Studies held on 24/11/2021 was confirmed by all the members. |
| Subject CE:BS 4.02 | Report on the actions taken/actions pending on the pertinent decisions in the Minutes of the Third Meeting of the Board of Studies held on 24/11/2021. |
| Decision | The member secretary presented the modifications made as per the suggestions given by the BoS in the last meeting. The BoS reviewed and accepted the same. |
| Subject CE:BS 4.03 | Report on overview of the achievements in the Department after the Third meeting of Board of Studies held on 24/11/2021. |
| Decision | The Chair presented an overview of the achievements of the Department after the Third meeting of Board of Studies held on 24/11/2021. The BoS noted the same. |
| Subject CE:BS 4.04 | Consideration of newly introduced course - M.Tech. in Transportation Engineering. |
| Decision | The Assistant Head of Department (AHoD) presented the new course for PG programme – M.Tech. in Transportation Engineering. The BoS noted the same. |
| Subject CE:BS 4.05 | Consideration of the new Curriculum for M.Tech. – Structural Engineering (2022 Scheme). |
| Decision | The Chairman presented the new curriculum for – M.Tech. in Structural Engineering (2022 scheme). BoS resolved to adopt the curriculum. However, the suggestions made by members are mentioned in AoM. |
| Subject CE:BS 4.06 | Consideration of the syllabi First Semester for M.Tech. – Structural Engineering (2022 Scheme). |
| Decision | The Chairman presented the syllabi for first semester M. Tech. – Structural Engineering (2022 scheme) and mentioned the changes made with respect to the currently ongoing scheme. The BoS resolved to adopt the syllabi with some suggestions. However, the suggestions made by members are mentioned in AoM. |

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| Subject CE:BS 4.07 | Consideration of the curriculum for M.Tech. – Transportation Engineering (2022 Scheme). |
| Decision | The AHoD presented the new curriculum for – M.Tech in Transportation Engineering (2022 scheme). The BoS resolved to adopt the curriculum with some suggestions. However, the suggestions made by members are mentioned in AoM. |
| Subject CE:BS 4.08 | Consideration of the syllabi First Semester for M.Tech. – Transportation Engineering (2022 Scheme). |
| Decision | The AHoD presented the syllabi for first semester M. Tech. – Transportation Engineering (2022 scheme). The BoS resolved to adopt the syllabi with some suggestions. However, the suggestions made by members are mentioned in AoM. |
| Subject CE:BS 4.09 | Consideration of the assessment pattern for M.Tech Programmes (2022 Scheme). |
| Decision | The Chairman presented the assessment pattern for M.Tech Programmes (2022 Scheme). The Board of Studies noted the assessment pattern and gave their suggestions on the same. |
| Subject CE:BS 4.10 | Reporting of Semester Results of B. Tech and M.Tech Programmes – Autonomy Batch. |
| Decision | The Chairman presented the semester results for B.Tech. and M.Tech programmes. The BoS approved the results. |
| Subject CE:BS 4.11 | Consideration of the additional list of Examiners for question paper setting and evaluations - B.Tech. Programme. |
| Decision | The Chairman presented the additional list of examiners that is required for question paper setting and answerscript evaluations for B.Tech. programme. The BoS approved the additional list. |
| Subject CE:BS 4.12 | Consideration of the additional list of Examiners for question paper setting and evaluations - M.Tech. Programme. |
| Decision | The Chairman presented the additional list of examiners that is required for question paper setting and answerscript evaluations for M.Tech programme. The BoS approved the additional list. |

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| AOM | <p>CE:BS 4.05 Following suggestions mentioned by the BoS has been noted for future action.</p> <ol style="list-style-type: none"> 1) Consideration of Discipline core courses (DCC) that are most appropriate for the M.Tech. Structural Engineering programme. 2) Programme core course – Structural Dynamics may be considered to be provided in the 1st semester instead of the currently suggested 2nd semester. <p>CE:BS 4.06</p> <ol style="list-style-type: none"> 1) The course names of a few Programme Elective courses (PEC) are to be renamed in the M.Tech. syllabi (2022 scheme) as follows: <ul style="list-style-type: none"> • PEC – Theory and Design of Plates and Shells to be renamed as Theory of Plates and Shells, Topics to be included – isotropic and anisotropic plates. • PEC – Advanced Metal Structures to be renamed as Aluminium and Steel Structures. • PEC – Forensic Engineering to include Environmental forensics, Geotechnical forensics in addition to Structural forensics. • Include a new PEC – Steel Composites. • Increase the weightage of CO's for modern elective courses. • Courses that have 3 CO's should revise the number of CO's to 5. • CO's for Advanced Theory and Design of RC Structures and Design of Bridges to be modified suitably. • Advanced Theory and Design of RC Structures – calculation of crack width using foreign codes to be included. <p>CE:BS 4.07</p> <ol style="list-style-type: none"> 1) The courses chosen under Discipline core courses (DCC) category should be the courses most suitable for the M.Tech Transportation Engineering programme. 2) Elective courses to be reduced and included with at least two from each area in Transportation Engineering. |
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| <p>CE:BS 4.08</p> <ol style="list-style-type: none">1) The course names of a few courses are to be renamed in the M.Tech. Transportation Engineering syllabi 2022 scheme.2) Pavement analysis and design - revise the syllabus by swapping the contents in course plan, avoid few topics.3) Transportation planning should be introduced as a course in the 1st semester. This is to enable students to opt elective subjects based on planning in 2nd semester.4) The courses listed in the elective baskets should be segregated into separate baskets - Programme Elective 1, 2, 3 and 4.5) Revise the syllabus for Traffic Engineering by avoiding few topics (grade separated expressways) from module 4 and suggested few relevant topics (basics of traffic simulation, car following model). Also suggested a few reference text books that are to be included.6) Remove module 4 contents based on pavement evaluation from TE lab as students lack background knowledge. Instead introduce the same in the subject pavement management system. Pointed out some of the practical difficulties in the conduct of present TE lab syllabus.7) Suggested syllabus revision for the course pavement materials and construction. <p>CE:BS 4.09</p> <ol style="list-style-type: none">1) The BoS suggested that the assessment pattern put forward as per KTU with regard to normalize the marks in elective courses based on the marks in core courses to be resolved after giving a written request to the university regarding the same. <p>Chairman accepted the suggestions from expert members and assured that all the suggestions would be taken upon for consideration and would be discussed in related committees.</p> |
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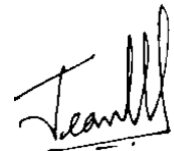
Member Secretary proposed the Vote of Thanks.

Meeting adjourned at 4.45 pm with thanks to the Chair.

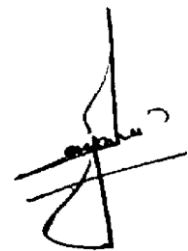
Date: 12.09.2022

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Approved with permission for circulation among the BoS Members



Member Secretary
(Ms. Jean Molly Simon)



Chairman
(Dr. Jayasree S.)