

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY (MBCET)

AUTONOMOUS

THIRUVANANTHAPURAM-695015

MINUTES OF MEETING OF THE EIGHTH MEETING OF BOARD OF STUDIES OF

DEPARTMENT OF CIVIL ENGINEERING

HELD IN THE SENATUS HALL ON 12.08.2024 (MONDAY) AT 3.00 pm.

Members Present:

1.	Dr. Jisha S. V.	Chairman
2.	Dr. K. V. Jayakumar (attended Online)	Member
3.	Dr. Suja R. (attended Online) [Nominee of KTU]	Member
4.	Dr. N. Ganesan (attended Online)	Member
5.	Dr. Indumathi M. Nambi (attended Online)	Member
6.	Mr. Prabhakar Gundlapalli (attended Online)	Member
7.	Dr. Suriya Prakash (attended Online)	Member
8.	Dr. Praveena Gangadharan (attended Online)	Member
9.	Dr. Abhishek N Srivastava (attended Online)	Member
10.	Dr. Anil Joseph (attended Online)	Member
11.	Dr. M. Satyakumar (attended Online)	Member
12.	Dr. Neethu Roy	Member
13.	Dr. Jayasree S. (attended Online)	Member
14.	Dr. Manju Dominic	Member
15.	Ms. Bindu Biju	Member
16.	Dr. Jaya S. Pillai	Member
17.	Ms. Ann George	Member
18.	Ms. Jean Molly Simon	Member
19.	Ms. Anupama Krishnan	Member
20.	Ms. Lekshmi Chandran M.	Member
21.	Ms. Nimisha Anna Jacob	Member
22.	Dr. Minu Ann Peter	Member
23.	Ms. Akhila A. M.	Member
24.	Dr. Anupama Krishna D.	Member
25.	Mr. Sijo M. Saji	Member
26.	Ms. Sageetha Sajeev	Member

27. Dr. Archana J. Satheesh	Member
28. Dr. Alice Thomas	Member
29. Ms. Ansu Mathew	Member
30. Ms. Diana Alice Sugunan	Member
31. Dr. Amal Raj	Member
32. Mr. Nitin S.	Member
33. Mr. Sreeju Nair S. B.	Member
34. Ms. Radhika P.	Member
35. Ms. Rakhi J. H.	Member
36. Mr. Divya Prasad S. P.	Member
37. Ms. Rintu Johnson	Member Secretary

Invitees

38. Prof. Joseph Cheriyan (attended Online)	S&H
39. Dr. Archana P. Das	S&H

Members on leave: Dr. J. Murali Krishnan, Dr. Tom V. Mathew, Dr. S. Chandrakaran, Dr. Gomathy Radhakrishna Iyer, Ms. Indhu Luke, Mr. U. P. Govind

Minutes

Subject CE:BS 8.01	Welcome Note by Chair, Introduction of new members and expression of gratitude to members who left the BoS and Confirmation of the Minutes of the Seventh Meeting of the Board of Studies held on 21/03/2024.
Gist	The Member Secretary appraised that there was a quorum for the meeting as 39 members were present for the meeting both offline and online. The Chairman welcomed all members and introduced the new external members of the Board of studies. The Chairman also mentioned a word of gratitude to the members who exited from the Board of Studies. Minutes of the Seventh Meeting of the Board of Studies held on 21/03/2024 was confirmed by all the members.
Subject CE:BS 8.02	Report on the actions taken/actions pending on the pertinent decisions in the Minutes of the Seventh Meeting of the Board of Studies held on 21/03/2024.
Decision	The member secretary presented the actions taken as per the suggestions given by the BoS in the last meeting. The BoS reviewed actions taken and accepted the same. The BoS enquired about the measures adopted to increase the visibility of the Department and to improve admissions. The Chairman informed the various outreach activities conducted by the department and the upcoming International Conference ICID 2024 organised by the Department.

Subject CE:BS 8.03	Report on overview of the achievements in the Department after the seventh meeting of Board of Studies held on 21/03/2024.
Decision	The Chairman presented an overview of the achievements of the Department after the seventh Meeting of the Board of Studies held on 21/03/2024. The BoS noted the same.
Subject CE:BS 8.04	Consideration of newly introduced course M.Tech - Environmental Science and Engineering.
Decision	The Chairman presented the new course for the PG programme – M.Tech. in Environmental Science and Engineering. The BoS noted the same.
Subject CE:BS 8.05	Consideration of M.Tech Curriculum and Syllabus - Environmental Science and Engineering (2022 Scheme)
Decision	The Assistant Head of Department (AHoD) presented the the Curriculum and Detailed syllabi from M1 to M4 for the new PG programme – M.Tech in Environmental Science and Engineering The BoS resolved to adopt the curriculum and syllabi with some suggestions. The suggestions made by the members are mentioned in AoM.
Subject CE:BS 8.06	Consideration of Additional baskets of Minor Courses for the B Tech 2023 Autonomy Curriculum
Decision	The member secretary presented the two additional Minor Baskets introduced for the B Tech 2023 Autonomy Curriculum. The Board of Studies approved the additional 2 Minor Baskets introduced in the B Tech 2023 Autonomy Curriculum.
Subject CE:BS 8.07	Ratification of minor revision of the B Tech Autonomy 2023 Curriculum so as to align with the total credits of the 2024 KTU Curriculum
Decision	The member secretary presented the minor revisions proposed in the Autonomy 2023 Curriculum, which was circulated among the BoS members and received approval through mail for ratification. The BoS ratified the minor revisions proposed in the Autonomy 2023 Curriculum.
Subject CE:BS 8.08	Ratification of list of MOOC courses – B.Tech. (2020 and 2023 scheme)
Decision	The member secretary presented the list of MOOC Courses for BTech (2020 and 2023 Scheme), which was circulated among the BoS members and received approval through mail for ratification. The BoS ratified the list of MOOC Courses for BTech (2020 and 2023 Scheme).
Subject CE:BS 8.09	Ratification of list of MOOC courses – M.Tech. (2022 scheme)

Decision	The member secretary presented the list of MOOC Courses for M Tech (2022 Scheme), which was circulated among the BoS members and received approval through mail for ratification. The BoS ratified the list of MOOC Courses for MTech (2022 Scheme).
Subject CE:BS 8.10	Ratification of the Additional list of External Examiners for B Tech Project Phase II and M Tech Dissertation Phase II.
Decision	The member secretary presented the list of Additional list of External Examiners for B Tech Project Phase II (2020 Scheme) and M Tech Dissertation Phase II (2022 Scheme), which was circulated among the BoS members and received approval through mail. The BoS ratified the Additional list of External Examiners for B Tech Project Phase II (2020 Scheme) and M Tech Dissertation Phase II (2022 Scheme).
Subject CE:BS 8.11	Consideration of the Additional list of External Examiners for the Evaluation of UG and PG End Semester Examinations
Decision	The Member Secretary presented the Additional list of External Examiners required for the Evaluation of UG and PG End Semester Examinations. The BoS approved the list.
Subject CE:BS 8.12	Reporting on correction in the syllabus for 23CEL20A Mechanics of Structures course of S3 (2023 Scheme).
Decision	The Member Secretary reported the correction in the syllabus for 23CEL20A Mechanics of Structures course of S3 (2023 Scheme). The BoS approved the modified syllabus of 23CEL20A Mechanics of Structures course of S3 (2023 Scheme).
Subject CE:BS 8.13	Consideration of the Completion of M Tech Degree of a PG Student who discontinued her studies under APJAKTU curriculum and re-joined under Autonomy curriculum (2020 Scheme)
Decision	The Chairman presented the Case of PG Student Ms. Aswathy S M21CE1014 who had initially discontinued her studies at this college under APJAKTU in 2018 but rejoined the M.Tech. Structural Engineering programme under the Autonomy 2020 scheme. The Board of Studies considered the case and granted approval for Ms. Aswathy S. to complete the requirements for CE1P79C Project (Phase II) so that she can earn all the required credits as per the 2020 Autonomy scheme and complete her M Tech.
Subject CE:BS 8.14	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 8.15	Any other matter.

Suggestions	<p>CE:BS 8.05</p> <p>Following suggestions mentioned by the BoS has been noted for future action.</p> <ul style="list-style-type: none"> • An understanding about “Numerical methods” is beneficial for students, it may be included in the currently offering mathematics course • A course related to Computational methods can be included under the electives list • In the Industry Based Elective Course “Waste to Energy Conversion” the title and the concepts can be made more generic, oriented with Circular Economy concepts • In the Environmental monitoring Laboratory course the experiments can be rearranged such that all the monitoring experiments may be done in semester I and all the processes may be done in semester II • In Environmental Monitoring Lab I, Introduction to Environmental Engineering software is not sufficient, practical hands on experience should be given allocating more lab hours for the experiment • Hour distribution assigned for the laboratory experiments in Environmental Monitoring Lab II seems disproportionate. It can be readjusted to provide more hours for Modelling Techniques and Life cycle analysis Experiments • Demonstration of advanced equipments related to the area can also be included in the laboratory • Out of the sanctioned PG strength (In Structural Engineering, Transportation Engineering, Environmental Science and Engineering), a minimum of 2 students in each stream may be inducted as industry sponsored candidates. This will be beneficial for both the industry and institute. Also dissertation as part of Employment is an appreciable initiative • Pollution due to power generation through Thermal power plants, Nuclear power plants, Thermal pollution and its effects can be included in detail in the Program Elective Course Environmental Impact Assessment and Management • Laboratory experiments should include field visits and data collection as part of the syllabus, exclusively, during first and second semesters • Core courses and Elective courses are given the same credits in the curriculum, more credits can be preferably given to core courses • Courses discussing Environmental Laws and Policies can be included in the Curriculum • Advanced Hydrology is a higher level course and can be changed to Applied Hydrology since the program is open to branches other than Civil Engineering and to MSc Graduates • Text Books and References should be modified to incorporate the latest editions and the ones from underrated publishers should be removed. ISBN Number can be provided in the references
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	<ul style="list-style-type: none"> • Prerequisites may be added to courses where ever necessary and if not required mention NA • International Council for Circular Economy ICCE is a reputed Delhi based association doing lots of work associated with Circular Economy across the world. They can be contacted for delivering lectures and faculties can take membership in this association • Content related to Carbon Capture, the recent research area can be added in the syllabus of Sustainable Technologies and Cleaner Production course • The course Energy from Waste need to be removed from the Audit courses list as it is the replication of course Waste to Energy Conversion listed under Industry-Based Elective Courses <p>The 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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The Member Secretary proposed a Vote of Thanks.

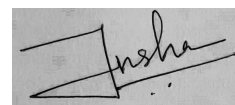
Meeting adjourned at 4.45 pm.



Member Secretary
(Ms. Rintu Johnson)

Date: 22.08.2024

Approved with permission for circulation among the BoS Members



Chairman
(Dr. Jisha S. V.)

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