

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND HUMANITIES

AGENDA NOTES

FOR THE THIRD MEETING OF THE BOARD OF STUDIES

(AUTONOMOUS)

DATE : 19/08/2022

TIME : 3.00 PM

VENUE : SENATUS HALL

Item Serial Number	Section 1 Procedural	page
SH:BS3.01	(a) Invocation	
	(b) Welcome Note by Chair	
	(c) Confirmation of the Minutes of the second Meeting of the Board of Studies held on 8/2/2021.	
	(d) Approval of the new member secretary	
SH:BS3.02	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 8/2/2021.	
Section 2 For discussion and consideration		
SH :BS3.03	Consideration and approval of the Syllabus of Engineering Physics(C) for the B.Tech Computer Science(AI)	
SH :BS3.04	Consideration and approval of the Syllabus of and Engineering Chemistry(B) for the B.Tech Computer Science(AI)	
SH :BS3.04	Consideration and approval of the Syllabus of Communicative English of first Semester B.Tech	
SH :BS3.05	Consideration and approval of the Syllabus of Discrete Mathematical Structures for the Third Semester B.Tech Computer Science(AI) and B.tech Electrical and Computer Science Engineering	
SH :BS3.06	Consideration and approval of the Syllabus of Mathematics for AI for the fourth semester B.Tech Computer Science(AI)	
SH :BS3.07	Approval of the change of the course Probability Statistics and Numerical methods instead of Graph theory in S4 Computer Science	
SH :BS3.08	Consideration and Approval of the course Probability Statistics and Mathematical Techniques for M.Tech Transportation Engineering in the second semester.	

	Section 3 Any other Matter	
SH :BS3.09	Any other matter with the permission of the Chair.	

Minutes of the second meeting of the bos held on 8/2/2021, and syllabus of all new/changed courses of S&H is attached herewith.

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(AUTONOMOUS)

FOR THE THIRD MEETING OF THE BOARD OF STUDIES

DATE : 19/08/2022

TIME : 3.00 PM

VENUE : SENATUS HALL / ONLINE

Members Present:

1. Prof. Joseph Cheriyan	Chairman
2. Dr. Raju K George (Attended online)	Member
3. Dr. Lisa Sreejith(Attended online)	Member
4. Dr P J Jacob (Attended online)	Member
5. Dr. Chandrasekharan. K (Attended online)	Member
6. Mr. Jose Gheevarghese (Attended online)	Member
7. Mr. Midhun G (Attended online)	Member
8. Dr. George Zacharia	Member
9. Prof. Y Mathew	Member
10. Ms. Sabitha S Nair	Member
11. Ms. Lekshmi I (on leave)	Member
12. Ms. Jisha J J	Member
13. Ms. Uma M	Member
14. Mr. Aneesh MS	Member
15. Ms. Anaswara Johny	Member
16. Ms. Sruthy Janardhanan	Member
17. Ms. Lakshmi J S	Member
18. Dr. Suvith V.S	Member
19. Dr. Archana P Das	Member
20. Dr. Krishnamohan G P	Member
21. Dr. Vidya Vilas	Member
22. Dr. Veena Nair	Member
23. Ms. Roshna Rachel Philip	Member
24. Mr. Vinu V	Member

Minutes

Subject SH:BS 2.01	(a) Invocation
	(b) Welcome Note by Chair
	(c) Confirmation of the Minutes of the First Meeting of the Board of Studies held on 13/11/2020.
Decision	The Board of Studies approved the Minutes of the First Meeting of the Board of Studies
Subject SH:BS 2.02	Report on the actions taken/actions pending on the pertinent decisions in the Minutes of the First Meeting of the Board of Studies held on 13/11/2020.
Decision	The Board of Studies approved the report
Subject SH:BS 2.03	Consideration of full Syllabus of the Courses to be offered by the Department for Third and Fourth semesters in the B.Tech Programme for approval.
Decision	<p>Approved and accepted with the following suggestions:</p> <ul style="list-style-type: none"> • Professional Ethics: <ul style="list-style-type: none"> ➤ Introduce case studies and real life examples in teaching to make students feel interested in the course ➤ Arrange talks of one or two hours duration by experts from the field to share their experience • Engineering Mathematics - certain modifications suggested <ul style="list-style-type: none"> ➤ For MA0U20A, it is better to include the derivation of Laplace equation (PDE) and solution by the method of separation of variables. As it is a special case of heat equation the derivation is trivial. ➤ For MA0M20A, it is better to introduce exponential of a matrix and determination of it by using SVD or Diagonalization, which are already included. This can be used for finding solution of linear system of differential equations, which is also already a part of the syllabus. ➤ In MA0U20D, include Modified Euler Method which motivates the ideas Runge-Kutta Methods which are already included in the syllabus. It is also advisable to include Gradient algorithm for optimization in this paper. ➤ In MA0U20C, the derivation of the Trapezoidal method and Simpson's 1/3rd rule can be added which is just half a page

	<p>proof to motivate the student about the numerical algorithms. Also, give the idea of multiple regression methods for curve fitting starting from linear polynomial to nth degree polynomials which is a direct generalization using the least square Techniques.</p> <ul style="list-style-type: none"> ➤ In MA0M20B, include Gradient-based and conjugate Gradient-based algorithms for Optimization. ➤ CS: Course on Probability in S3 and graph theory should be introduced in S4 ➤ In the paper “Operations Research”, some latest technologies is to be included
Subject SH:BS2.04	Consideration of the policy guidelines on the conduct of the End Semester Examination, Question paper setting, paper valuation, publication of results, Re-examination/supplementary examination for B.Tech programme under the autonomy scheme 2020.
Decision	The Board of studies approved the policy guidelines on the conduct of the End Semester Examination , Question paper setting, paper valuation, publication of results, Re-examination/supplementary examination for B.Tech programme
Subject SH:BS2.05	Consideration of the policy guidelines on the conduct of the End Semester Examination, Question paper setting, paper valuation, publication of results, Re-examination/supplementary examination for M.Tech programme under the autonomy scheme 2020.
Decision	The Board of studies approved the policy guidelines on the conduct of the End Semester Examination, Question paper setting, paper valuation, publication of results, Re-examination/supplementary examination for M.Tech programme
Subject SH:BS2.06	Discussion on Regulations of both B.Tech and M.Tech.
Decision	Discussed and approved Regulations of both B.Tech and M.Tech.
SH:BS2.07	Consideration of the Panel of Examiners for question paper setting & evaluations - B.Tech & M.Tech.
Decision	Presented the list of Panel of Examiners for question paper setting & evaluations of both B.Tech & M.Tech and the Board of Studies approved the panel.

Meeting ended at 3.15 PM with thanks to the chair.

Member Secretary

Chairman