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

MINUTES OF THE SECOND MEETING OF THE BOARD OF STUDIES (AUTONOMOUS)

DATE : 08.02.2021(MONDAY)
TIME : 2.30 PM
VENUE : SENATUS HALL / ONLINE

Members Present:

1.	Prof. Joseph Cheriyan	**Chairman**
2.	Dr. Raju K George (Attended online)	Member
3.	Dr P J Jacob (Attended online)	Member
4.	Mr. Jose Gheevarghese (Attended online)	Member
5.	Mr. Midhun G (Attended online)	Member
6.	Prof. Y Mathew	Member
7.	Ms. Sabitha S Nair	Member
8.	Dr. Savitha M T	Member
9.	Ms. Lekshmi I	Member
10.	Ms. Lakshmi J S	Member
11.	Ms. Jisha J J	Member
12.	Ms. Uma M	Member
13.	Dr. Archana P Das	Member
14.	Dr. Krishnamohan G P	Member
15.	Dr. Veena Nair	Member
16.	Mr. Vinu V	Member
17.	Dr. Vidya Vilas	Member
18.	Ms. De1eessa Babu	Member
19.	Ms. Salini K S	Member
20.	Ms. Sruthy Janardhanan	Member

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	Approved and accepted with the following suggestions:
	
	• Professional Ethics:
	  ➢ 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
	  ➢ 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 Runga-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 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.

	- 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**