MINUTES OF THE MEETING

Date of the meeting: 06.07.2020

Name of the meeting: Board of Studies

Attended by: Dr. S. Mercy Shalinie, Principal in-charge, Dr.P.Chitra, HDCSE, Dr. Chandrasekar Ramanathan, IIIT, Bangalore (BSM1), Mr. Vidhya Shankar, Fractal Analytics (BSM2), Dr.S.Karthick, NIT, Andra Pradesh (BSM3), Dr. Uma Rani, A.C. Tech, Karaikudi(BSM4) and CSE department Faculty Members

Sl. No.	Points discussed	Action plan	Responsibility	Target date
1.	Dr. P.Chitra, Head of CSE Department gave a presentation about the PEOs, POs and Program Specific Outcomes (PSOs) for B.E(CSE) Programme, Introduction about the CDIO framework and Categorization of Courses under CDIO for B.E.(CSE). The suggestions given by the experts are o Separate module i.e. MOOCS module for earning credits under elective category can be given for students who are undergoing NPTEL certification courses o Programming name in the course title may be avoided o Higher order Lab course can be introduced ex. Data Analytics Lab o Optimization and Machine Learning Topics are suggested for inclusion in AI Lab o Lab courses can take up 2 credits o Credits can be increased to 2 for Engineering Tools Lab • For the B.Tech (CSBS) programme (Industry Supported Programme – TCS) PEOs, Pos and PSOs were presented and the suggestions given by experts are: o TCS resource person can represent in BOS meeting o Under PEO1, Management Sciences and Humanities can be rephrased to IT Management o Business Systems related courses can be offered under Program Electives o Explore more courses for General Elective in addition to Machine Learning	The suggestions will be considered	Head of Department and TLP Coordinator	-
2.	• **20CB120 - Probability and Statistics** Dr. N.Chitra from Mathematics Department gave brief description of the syllabus. The suggestions given by the experts are	The suggestions have been incorporated in the syllabus	Dr.N.Chitra Ms.Sri Vinothini	08.07.2020

	○ CO vs PO,PSO mapping need to be revisited ○ Hypothesis Testing may be included ○ Under Assessment Pattern -Assignment could not be in Understand Level ○ Case Studies are suggested for Assignments ○ Distributary based Test can be included ○ Correlation can be given as insight for Data Analytics ○ Art of Computer System, Performance Analysis by Raj Jain - Text books can be referenced			
3.	• **20CB140 - Principles of Electrical Engineering** Dr. S. Charles Raja representative from EEE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Revisit CO weightage ○ Contents of this course seems to be heavy	The suggestions have been incorporated in the syllabus	Dr.N.Kamaraj Dr. S.Charles Raja	08.07.2020
4.	• **20CB150 - Business Communication & Value Science -1** Dr. G.Jeya Jeevakani representative from English Department gave brief description of the syllabus. The suggestions given by the experts are ○ Suggested to use English Lab ○ Public Speaking content can be included	The suggestions have been incorporated in the syllabus	Dr.A.Tamilselvi Dr.G.Jeya Jeevakani	08.07.2020
5.	• **20CB260 - Business Communication & Value Science -2** Dr. G.Jeya Jeevakani representative from English Department gave brief description of the syllabus. The suggestions given by the experts are ○ TCS Values can be given as Case Study and need not be mentioned as separate topic ○ Questionnaire can be included to categorize individual learning skills and personality	The suggestions have been incorporated in the syllabus	Dr.A.Tamilselvi Dr.G.Jeya Jeevakani	08.07.2020
6.	• **20CB160 - Fundamentals of Physics** Dr. A.L.Subaramanian representative from Physics Department gave brief description of the syllabus. The suggestions given by the experts are ○ Suggested to include video content having values and Computer Science based content released by NASA can be demonstrated ○ Revisit the course outcome 5	The suggestions have been incorporated in the syllabus	Dr. A.L. Subramanian Dr. V.Veera Ganesh	08.07.2020

7.	• **20CB210 - Linear Algebra**
	Dr. G. Jothilakshmi representative from Mathematics Department gave brief description of the syllabus. The suggestions given by the experts are
	
	    o Iterative Methods can be incorporated
	    o Specific Examples of Computer Application can be added
	    o Google Page Rank Algorithm related to matrices and vector can be given as case study
		The suggestions have been incorporated in the syllabus	Dr.G.Jothilakshmi
			Dr.M.Kameswari
			Dr.T.Lakshmi
				08.07.2020

8.	**20CB220 - Statistical Methods**
	Dr. N.Chitra representative from Mathematics Department gave brief description of the syllabus. The suggestions given by the experts are
	    o Suggested to include Bayes theorem in Estimation and Uncertainty
	    o Include use cases in statistical problems
		The suggestions have been incorporated in the syllabus	D. N. Chitra
			Ms. Sri Vinothini
				08.07.2020

9.	• **20CB240 - Principles of Electronics**
	Dr. S. Kanthamani representative from ECE Department gave brief description of the syllabus. The suggestions given by the experts are
	    o Reduce the course contents
	    o Explore the web site Circuitverse.org
	    o Suggested not to use UNDERSTAND as verbs in Course Outcomes
		The suggestions have been incorporated in the syllabus	Dr.S.Kanthamani	08.07.2020

10.	• **20CB130 - Fundamentals of Computer Science**
	Dr. M. Nirmala Devi representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are
	    o Functions concept can be included in Course Outcomes
	    o Equal Focus to be given on Basics of computer and problem solving using computers
	    o Problem solving strategies can be included
	    o A book on Problem Solving using computer can be added
		The suggestions have been incorporated in the syllabus	Dr. M.Nirmala Devi
			Dr. A.Malini
				08.07.2020

11.	• **20CB230 - Data Structures and Algorithms** Mrs. Raja Lavanya representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are o Priority Queue especially HEAP can be added	The suggestions have been incorporated in the syllabus	Dr.M.Vijayalakshmi Ms.Raja Lavanya	08.07.2020

		o External Merge sorting to be included o Small 'O' and omega variants can be added o Dynamic Memory Allocation, SET can be added			
12.		• **20CB270 - Data Structures & Algorithms Lab** Mrs.. Raja Lavanya representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are o Searching and Sorting algorithms may be included	The suggestions have been incorporated in the syllabus	Dr.M.Vijayalakshmi Ms.Raja Lavanya	08.07.2020
13.		• **18CS1B0 - Cyber Security** Dr. V. Vignaraj representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are o Firewall and VPN role in Security need to be included o Demonstration for each concepts as applicable can be done o Anomaly Detection can be explored	The suggestions have been incorporated in the syllabus	Dr. N.Shivakumar Dr. V. Vignaraj	08.07.2020
14.		• **18CS1D0 - Cloud Object Storage** Dr. J. Jane Rubel Angelina representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are o Information Storage Management may be mentioned as prerequisite	The suggestions have been incorporated in the syllabus	Dr. Jane Rubel Angelina	08.07.2020
15.		• **18CS1E0 - Data Analytics for Industrial Application** Dr. B. Subbulakshmi, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are o Data Preprocessing techniques can be included o Give more focus on data preparation and feature engineering o Suggested to change Title as Data Engineering for Industrial Application	The suggestions have been incorporated in the syllabus	Dr.B.Subbulakshmi Dr.A.M.Rajeswari	08.07.2020
16.		• **18ES590 - System Thinking** Dr. R. Leena Sri, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are o Software Engineering Board of Knowledge (SWEBoK) can be referred	The suggestions have been incorporated in the syllabus	Dr.R. Leena Sri	08.07.2020

Prepared by....................Date..8.7.2020. Approved by....................Date..8.7.20....

Note: Due to Pandemic, the Board of Studies Meeting (dated: 06.07.2020) of CSE Department was conducted as online meeting.