MINUTES OF THE MEETING

Date of the meeting: 19.06.2021
Name of the meeting: Board of Studies
Attended by: Dr. S. Mercy Shalinie, Dr.P.Chitra, HDCSE, Dr. Chandrasekar Ramanathan, IIIT, Bangalore (BSM1), Dr. A. Shankar, Professor, PSG Tech (Anna University Nominee) (BSM2), Dr.S.Karthick, NIT, Andra Pradesh (BSM3), Dr. P. Balamurugan, Asst. Professor, IIT, Bombay, (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, M.E(CSE) Programme, B.Tech(CSBS) Programme. The suggestions given by the experts are • Introduction of Economics course under HSS for B.E (CSE) programme • Check the AICTE guidelines for B.Tech CSBS credit distribution • Research proposal writing may be introduced as an elective course or included in Professional Authoring course for M.E(CSE) programme • Degree with specialization may be included in UG/PG transcript especially AI, Information Security • Electives on Deep learning, Block Chain, Game Theory, computer vision can be included in M.E(CSE) Programme Electives • Skill based courses can be classified under Programming (Developing) , IT (Deploying),System Administration(Managing) • Appropriate virtual labs, Online IDEs can be used in practical courses	The suggestions will be considered	Head of Department and TLP Coordinator	-
2.	**20CB310 – Computer Organization and Architecture** • Dr.C.Senthilkumar, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are o Need not mention about the "Revision of basics"-in syllabus (may be added in the lecture plan) o Recent year publications can be included in Learning resources o New Elective course on " GPU / Parallel Computer Architecture" can be introduced or latest topics on architecture may be added in the course	The suggestions have been incorporated in the syllabus	Dr.C.Senthilkumar, Dr. K. Narashimma Mallikarjunan	23.06.2021

3.	**20CB320 – Object oriented Programming** • Dr. M.Vijayalakshmi, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Discussion of C in syllabus is more elaborate – can be reduced ○ Inner Classes, Anonymous Classes can be added ○ Focus on Object oriented concepts and the implementation of those concepts can be done using C++, Java and Python (Neutral with C++,Java in content)	The suggestions have been incorporated in the syllabus	Dr. M.Vijayalakshmi Dr. S.Prasanna	23.06.2021
4.	**20CB330 – Computational Statistics** • Dr. N.Chitra, representative from Maths Department gave brief description of the syllabus. The suggestions given by the experts are ○ Stochastic Analysis Process, Poison Process can be included ○ Overlapping topics with machine learning can be skipped ○ Clustering can be removed and can be added in data mining or machine learning courses ○ Confidence Intervals, Baysian Statistics, Computational Statistics, Simulation Techniques, Applications related to advance statistical tests, P-test,T-Test,Rank Analysis can be added ○ Revisiting of content is required to meet up students' knowledge at third semester	The suggestions have been incorporated in the syllabus	Dr. N.Chitra Ms. Felicia Lilian	23.06.2021
5.	**20CB340 – Software Engineering** • Dr. A.Malini, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ The contents of the syllabus is vast according to third semester level ○ Software project management, Quality and reliability topics may be covered in next level of advanced courses ○ Engineering life cycle, SCRUM, agile management need to be included	The suggestions have been incorporated in the syllabus	Dr. A.Malini	23.06.2021

6.	**20CB350 – Formal Language and Automata Theory** • Ms. R. Nagarathna, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ In the introduction, Complexity- Un decidability, Intractability can be added ○ Identify and add prerequisite course on Discrete Mathematics ○ A book on "Introduction to formal Language" , Peter Lens can be added in reference books ○ Formal Theorems, Equivalences PDA need to be included ○ Enumerate Un decidable problems, PCP, Halting problems	The suggestions have been incorporated in the syllabus	Dr. M.K.Kavitha Devi Ms. R. Nagarathna	23.06.2021
7.	**20CB360 – Computer Organization and Architecture Lab** • Dr. C.Senthilkumar, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Relook at the experiments based on the contents discussed in the theoretical course	The suggestions have been incorporated in the syllabus	Dr.C.Senthilkumar, Dr. K. Narashimma Mallikarjunan	23.06.2021
8.	**20CB370 -Object oriented Programming Lab** • Dr. M. Vijayalakshmi, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Epic of JAVA can be included ○ Vector, Matrix of "integers" to be excluded ○ Inbuilt Collection classes, Thread safe, Synchronization topics can be included ○ Add a book on Object oriented programming by Bjarne Stroustap in the learning resources ○ 25% lab experiments should be done using Java and others in C++	The suggestions have been incorporated in the syllabus	Dr. M.Vijayalakshmi Dr. S.Prasanna	23.06.2021
9.	**20CB380 – Computational Statistics Lab** • Ms. Felicia Lilian, representative from CSE 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. Felicia Lilian	23.06.2021

	○ Revisit the list of experiments in alignment with the theoretical contents			
10.	**20CB390 – Software Engineering Lab** • Dr. A.Malini, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Expose the students with software tools in content ○ Version control topic need to be included ○ Sample projects, templates are to be suggested by TCS ○ Students can take different roles while doing the implementation of software projects	The suggestions have been incorporated in the syllabus	Dr. A.Malini	23.06.2021
11.	**20CB410 – Operating Systems** • Dr. G.Madhu Priya, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Types of Paging, Vanila Paging need to be included ○ Case studies can be explained using minix concepts and source codes can also be discussed	The suggestions have been incorporated in the syllabus	Dr.P.Chitra Dr. G.Madhu Priya	23.06.2021
12.	**20CB420 – Database Management Systems** • Dr. B.Subbulashmi, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Database objects in PLSQL, RAID levels, in memory databases need to be included ○ Make the students to understand about need for normalization as well as denormalization	The suggestions have been incorporated in the syllabus	Dr. B.Subbulakshmi Dr. M.Nirmala Devi	23.06.2021
13.	**20CB440 - Marketing Research & Marketing Management** • Dr. J. Rajeshkumar, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Case studies relevant to Computer Science such as Sentimental Analysis, Recommender System, Social Network Analysis can be included ○ Broad picture of current strategies can be introduced	The suggestions have been incorporated in the syllabus	Dr. N. Shivakumar Dr. J. Rajeshkumar	23.06.2021

	○ Students may evolve competing strategies			
14.	**20CB450 – Operations Research** • Ms. Raja Lavanya, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Check for the need of the topic Queuing Theory with respect to operations research and computational statistics ○ Syllabus contents can be reduced ○ Simulation topic may be lifted from syllabus and freeze upto Inventory Control	The suggestions have been incorporated in the syllabus	Ms. Raja Lavanya Ms. Felicia Lilian	23.06.2021
15.	**20CB460 – Software Design with UML** • Dr. N. Shivakumar, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Case Studies can be added to the syllabus ○ Provide problem statements where the students can arrive upto design ○ Design Tradeoffs may be added to contents ○ Give brief introduction to design patterns and detailed contents may be given as Programme elective ○ More focus can be given for agile models	The suggestions have been incorporated in the syllabus	Dr. N. Shivakumar Dr. A.Malini	23.06.2021
16.	**20CB470 – Design Thinking** • Dr. R. Leena Sri, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Sessions taken by the industry experts can be recorded and shared among students and faculty ○ Faculty members can also attend the sessions delivered by industry experts and best practices followed in this course can be adopted by faculty members	The suggestions have been incorporated in the syllabus	Dr. R. Leena Sri	23.06.2021

17.	**20CB480 – Operating Systems Lab** • Dr. G. Madhu Priya, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Integrate modules in mini scale OS, tailed down OS ○ Planning strategy may be included in lesson plan ○ Minix OS integration can be done in the mid of the semester with team activity ○ Project Based Learning can be done on this course ○ Challenging topics in OS integration , development can be showcased in Open source exhibition (Fstival)	The suggestions have been incorporated in the syllabus	Dr.P.Chitra Dr. G.Madhu Priya	23.06.2021
18.	**20CB490 – Database Management Systems Lab** • Dr. B.Subbulakshmi, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Use of indices can be practiced ○ Storage of different data types such as images, audio and video can be addressed while creating database objects ○ Spatial Queries, template can be added ○ Experiment 12 is complex and out of pace ○ Experiments related to transaction management can be added	The suggestions have been incorporated in the syllabus	Dr. B.Subbulakshmi Dr. M.Nirmala Devi	23.06.2021
19.	**18CSPZ0 – Software Testing** • Dr. A. Malini, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Test driven development may be added ○ Practice on JUnit and MUnit tools can be given	The suggestions have been incorporated in the syllabus	Dr. A. Malini	23.06.2021
20.	**18CG121 – Modern Operating Systems** • Dr. K. Narasimma Mallikarjunan, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ OS System calls, internal workings can be fore fronted in Cloud OS & Mobile OS ○ Revisit Reference books under learning resources	The suggestions have been incorporated in the syllabus	Dr. K. Narasimma Mallikarjunan	23.06.2021

	○ Hypervisors, its architectural details and its interfaces can be added ○ Introduction to Dockers may be included			
21.	**18CG131 – Cryptography: Theory and Practice** • Dr. M.Suguna, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Topics such as IP security, kerboros may be added under advanced topics	The suggestions have been incorporated in the syllabus	Dr. M.Suguna	23.06.2021
22.	**18CG171 – Systems Programming Lab** • Dr. N.Shivakumar, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Experiments related to operating system concepts, debuggers, linkers may be included ○ Give focus on generic aspects of programming using any programming language ○ Make the experiments as application oriented and train the students on developing software applications ○ PG students can undergo auditing session with UG students in practical courses	The suggestions have been incorporated in the syllabus	Dr. M.P. Ramkumar Dr. N.Shivakumar	23.06.2021
23.	**18CGPA1 – Parallel Computing Systems** • Dr. P.Chitra, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Parallel primitives in searching, sorting, selection methods need to be looked upon	The suggestions have been incorporated in the syllabus	Dr. P.Chitra	23.06.2021
24.	**18CGPB1 – Operations Research** • Ms. Raja Lavanya, representative from CSE Department gave brief description of the syllabus. The suggestions given by the experts are ○ Semi definite Programming ,LP rounding, LP hard, Approximation methods may be included	The suggestions have been incorporated in the syllabus	Ms. Raja Lavanya	23.06.2021

	○ Give the students an exposure on unconstrained problems such as single, double derivatives ○ Local optimization, convex Optimization in NLP, Algorithms & Iterative, LPFGS, Seminal Problems in linear programming can be included			
25.	**Revision of CO-PO-PSO mapping for the courses of B.E.(CSE) Programme – 2018 – 19 Batch** • Dr. B.Subbulakshmi, representative from CSE Department gave brief description of the procedures followed to revisit the CO-PO-PSO mapping. The suggestions given by the experts are ○ Project based Electives courses can be mapped with PO6, PO7, PO10, PO12 ○ Theory cum Practical and Practical course can address the appropriate POs from 5 to 12.	The suggestions have been incorporated in the syllabus	Course Designers	23.06.2021

Prepared by B. Subbulakshmi Date 23/6/21 Approved by P.Chitra Date 23/6/21

Note: The Board of Studies Meeting (dated: 19.06.2021) of CSE Department was conducted as online meeting.