Sri Sairam Engineering College
Sai Leo Nagar,WestTambaram, Chennai – 600044
Department of Computer Science and Business Systems

Minutes of the first Board of Studies meeting

The first Board of Studies (BOS) meeting of the department of Computer Science and Business Systems was conducted on **08.08.2020** through online mode (ZOOM) at 11.00 A.M (IST). Following members were present.

1. **Dr. P. Dhanalakshmi**   External stakeholder
   Professor   (Subject Expert)
   Department of Computer Science & Engineering
   Faculty of Engineering and Technology
   Annamalai Nagar - 608002

2. **Dr. N. Thamaraiselvan**   External stakeholder
   Professor   (Subject Expert)
   Department of Management Studies
   National Institute of Technology
   Trichy - 620015

3. **Dr. S. Renugadevi**   External stakeholder
   Assistant Professor (Selection Grade) (University Representative)
   Department of computer Science and Engineering
   Anna University
   Chennai - 600025

4. **Ms. Arunima Pandey**   External stakeholder (Industrial
   Specialist - Transformation   Expert)
   Sahyadri Park
   Tata Consultancy Services
   Pune

5. **Mr.Bino J**   External stakeholder (Alumni
   Assistant Professor   Member)
   St. Joseph's Institute of Technology
   Chennai

6. **Dr. M. Ananthi**   **Chairman, BOS/CSBS**
   Asso. Professor& Head, CSBS
   Sri Sairam Engineering College

Dr. M. Ananthi, Chairman of BOS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting (as per the items of the circulated agenda).

BOS.CSBS.20.01.01: To review and approve the curriculum and syllabus of first two semesters of UG programme in CSBS. The members recommended the following:

1. Dr. Renugadevi, appreciated the syllabus steering committee. The overall curriculum and syllabus is framed according to the AICTE directions and concentrating towards the latest technology and industrial needs. The topic distribution in fundamentals of Computer Science is not uniform. She has suggested concentrating in the order of arrays, pointers, functions and structures. In Sem II, Graphs is repeated in two different units, may be combined in the last unit in Data Structures and Algorithms subject. Edition number should be mentioned in the text books.

2. Dr. Thamaraiselvan, pointed out that second semester Economics paper is good. Also, suggested that the business courses may be in the order Economics, Organizational Behavior, Fundamentals of Management, and Management Research.

3. He pointed out to include business analytics tools before studying latest technologies like Machine Learning, Deep Learning,etc. Also statistical analytics tools such as R, Python,etc to be included in Statistical papers.

4. He suggested to reshuffle the subjects among the semesters so that fundamental concepts will precede advanced subjects.

5. Ms. Arunima, pointed out that TCS is planning to provide training to all the subjects in the curriculum and the management courses will be reshuffled in further semesters. She will make a note of the board member suggestions to the CSBS curriculum steering committee.

6. Dr. Thamaraiselvan insisted to share the structure as common to all the colleges and also to discuss with TCS to go through IIT,IIM, NIT for the management papers. He suggested the

management courses may be in the order financial accounting Cost, Financial Management, Marketing Management, Human resource Management, Production & Operations Management. Simple, Multivariate Analysis, Uniform, Bivariate will be included in Analytics subjects.

7. Ms. Arunima, accepted and will take care of the changes with tools and software covered in FDP. She ensured that the latest industry requirements will be taken to their panel. The syllabus is framed by Indian Statistical Institute with latest technologies and tools. She also ensured that statistics tools including R and Python is included in the syllabus. Agile package and Agile methodology is also included in the syllabus.

8. Dr. Thamaraiselvan, suggested to integrate management papers with computer science papers. This program should be competitive one compared with other programs.

9. Dr. Dhanalakshmi, appreciated computer science subjects. She suggested including some statistical papers, Machine Learning with Python as core papers in the curriculum.

10. Ms. Arunima, replied Machine Learning with Python will be included as core papers.

11. Dr. Renugadevi, suggested that the computer science papers need to be incorporated with business papers. Subjects should be tied with both the disciplines. Even semester has more number of papers that can be distributed to odd semesters.

12. Mr. Bino, suggested to give more credit to lab subjects. [Ex. 2 credits may be given instead of 1]. II semester has more number of subjects. He also insisted to include web application, mobile development papers in the curriculum. Data analytical tools will be included in the statistical subjects. Virtual labs may be provided to students.

13. Ms. Arunima clarified data analytical tools are included in the statistical subjects.

14. Dr. M. Ananthi explained mobile development course will be provided as Value added course.

After explaining about the Curriculum by Dr.M. Ananthi, Ms. Arunima summarized the following points.

1. Management courses will be reshuffled as suggested by Dr. Thamaraiselvan after having discussion with Syllabus steering committee.

2. Statistical tools are included in the statistical papers and the papers are designed by Indian Statistical Institute in which the latest tools and technologies covered.

3. Swapping of subjects between the semesters will depend on the institution, but FDP will be organized in common to all the institutions.

.
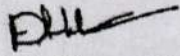
Based on the suggestions given by the members, the Chairman of BoS told that those fruitful suggestions would be incorporated appropriately in the **curriculum and syllabi.**

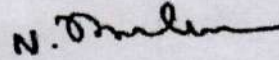**BOS resolved to recommend the following to the Academic Council for further approval.**

a) **Syllabus for core courses of B.Tech. Computer Science and Business Systems Programme as enclosed in Annexure 1.**

b) **List of Professional courses in B.Tech Computer Science and Business Systems and Open Elective Courses offered by B.Tech. Computer Science and Business Systems Programme as enclosed in Annexure II.**

In the concluding remarks, the chairman stated that the recommendations suggested by the members would be considered.
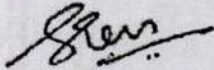
Meeting then ended with vote of thanks by Dr.R.Ranjana, Associate Professor/IT.

Dr. P. Dhanalakshmi
Professor
Department of Computer Science & Engineering
Faculty of Engineering and Technology
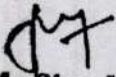Annamalai Nagar - 608002

Dr. N. Thamaraiselvan
Professor
Department of Management Studies
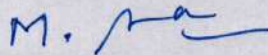National Institute of Technology
Trichy - 620015

Dr. S. Renugadevi
Assistant Professor (Selection Grade)
Department of computer Science and Engineering
Anna University
Chennai - 600025

Ms. Arunima Pandey
Specialist - Transformation
Sahyadri Park
Tata Consultancy Services
Pune

Mr. Bino J
Assistant Professor
St. Joseph's Institute of Technology
Chennai

Dr. M. Ananthi,
Chairman, BoS/CSBS
(Asso. Professor & Head/CSBS)