



**SETHU INSTITUTE OF TECHNOLOGY**  
(An Autonomous Institution | Accredited with 'A' Grade by NAAC)  
PULLOOR, KARIAPATTI – 626 115.



**DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS  
BOARD OF STUDIES**

**MINUTES OF THE MEETING**

The first meeting of the Board of Studies of Department of Computer Science and Business Systems was held on 15.10.2020 through Google meet online mode.

The following members were present,

Sl.No.	Details of the Member	Position	Signature
1.	Dr.M.Malathi	Chairperson	
2.	Dr.D. Manjula, Professor , CSE, Anna University, Chennai.	University Nominee	Attended through Online Mode
3.	Dr.R.Kannigadevi, Associate Professor, CSE, Kalasalingam Academy of Research and Education, Krishnankovil.	Academic Expert	Attended through Online Mode
4.	Dr.K.Jeyakumar, Associate Professor, School of Computer Science and Engineering, Vellore Institute of Technology, Vellore.	Academic Expert	Attended through Online Mode
5.	Mr.C.Rajkumar, Director (Chief Architect), Cognizant Technology Solutions, Chennai.	Industry Nominee	Attended through Online Mode
6.	Ms.D.Thamarai Selvi, Assistant professor,CSE, National Engineering	Alumni Nominee	Attended through Online Mode



Sl.No.	Details of the Member	Position	Signature
	College, Kovilpatti.		
7.	Dr.C.Callins Christiyana	Faculty Member	Attended through Online Mode
8.	Dr.N.Balaji	Faculty Member	Attended through Online Mode
9.	Dr.K.Sathish Kumar	Faculty Member	Attended through Online Mode
10.	Mr.P.Suresh	Faculty Member	Attended through Online Mode
11.	Dr.D.AbithaKumari	Faculty Member	Attended through Online Mode
12.	Mr.R.Rajaguru	Faculty Member	Attended through Online Mode
13.	Dr.A.R.Rajeswari	Faculty Member	Attended through Online Mode
14.	Ms.K.Priyadharsini	Faculty Member	Attended through Online Mode
15.	Ms.S.Selvi	Faculty Member	Attended through Online Mode
16.	Mr.T.Siva	Faculty Member	Attended through Online Mode
17.	Ms.S.Priyadharsini	Faculty Member	Attended through Online Mode
18.	Ms.S.Gospelina Christiana	Faculty Member	Attended through Online Mode
19.	Ms.S.M.Nazia Fathima, Director R&D, Sethu Institute of Technology	Director-R&D	Attended through Online Mode

The BoS meeting was started with the warm welcome from the Chairperson of the Board. The Chairperson gave a brief presentation on autonomous status conferred to the Institution and NAAC accreditation with 'A' grade. She then highlighted the importance of introducing Bachelor of Technology (B.Tech.) degree program in "Computer Science & Business Systems" (CSBS). B.Tech. CSBS is a highly recommended industry relevant program in the field of Computer Science and Engineering focusing on practical implementation of some Computer Science and Engineering concepts in real time business applications.

**Agenda 1: Approval of R-2019 curriculum and first and second semester syllabi.**

The Board members conducted discussions on the proposed curriculum under regulation R—2019 and syllabi of the first and second semesters.

The Board members suggested the following:

- Dr.Manjula D, University Nominee, suggested to:



- Include more core courses related with Computer Science and include Data mining and Data Analytics in the core courses.
    - Dr. C. Callins Christiana, Faculty member replied the basic concepts of data analytics is covered in the course computational statistics. The laboratory course on computational statistics includes the experiments based on data analytics and they will be implemented in R. She replied further that Data mining is offered in program Elective.
- Dr.R.Kannigadevi, Academic Expert, suggested to:
  - Include soft skills and hard skills related courses.
    - The chairperson replied that curriculum has four courses on Business Communication & Value Science. The soft skills and hard skills concepts are covered in those courses.
  - Motivate the students to do community service projects.
    - Mr.R.Rajaguru, Faculty member, replied that multi-disciplinary project in R-2019, there will be a provision to combine students from various branches to do projects related to social aspects and also the students can select the problems given by various ministries of Government of India.
- Dr. K.Jeyakumar, Academic Expert, suggested to:
  - Include the course on Block chain Technology for business analytics.
- Mr.RajkumarChandrasekar, Industry Nominee, suggested to:
  - Include Enterprise softwares' like Pegasus, SAP which models the flow of business in Business systems like supply chain and Procurement.
- Ms.D. Thamarai Selvi, Alumni Nominee, suggested to:
  - Include the course on Digital principles and system design. BoS resolved to include the basic concepts in Digital principles and system design in curriculum.
    - Chairperson replied that Digital Principles and system design is covered in Principles of Electronics course.



Based on the suggestions, the BOS resolved the following in the approval of curriculum of Computer Science and Business Systems under R2019 and first and Second Semester syllabus of R-2019.

- It is resolved to include Data Mining, Blockchain Technology for business analytics, Building Enterprise Applications, Enterprise resource planning, Entrepreneurship Development, Digital Marketing, Total quality management subjects, IP management and Entrepreneurship in the Program Electives.
- It is resolved to accept the syllabus of First and Second semester syllabus of Computer Science and Business Systems without any modifications.

**Agenda 2: Mapping of curriculum and syllabi with PSC**

Mapping of the curriculum and syllabus of the proposed regulation R-2019 with the Program Specific Criteria (PSC) was presented to the Board of members by the Chairperson and the Board resolved to accept the mapping.

**Agenda 3: Classification of courses**

The classification of the courses under regulation R-2019 based on the categories of employability, entrepreneurship and skill development was presented to the Board by the Chairperson. The BoS resolved to accept the classification.

<b>Employability Courses</b>	<ul style="list-style-type: none"> <li>▪ Fundamentals of Computer Science</li> <li>▪ Introduction to Data Structures and Algorithms</li> <li>▪ Data Structures and Algorithms Laboratory</li> <li>▪ Computer Programming Laboratory</li> </ul>
<b>Entrepreneurship Courses</b>	<ul style="list-style-type: none"> <li>▪ Fundamentals of Economics</li> </ul>

**Agenda 4: Percentage if change in the Curriculum and for each course in Regulation 2019**

Board of Studies Chairman has listed the percentage of changes in the first and Second semester syllabus of R2019 with reference to the syllabus of R2017.

- Percentage change in syllabus of first and second semester courses as follows,

**SEMESTER I**

<b>S.No</b>	<b>Course Code</b>	<b>Course Name</b>	<b>Percentage change in Syllabus</b>
1	19UCB107	Fundamentals of Economics	15%

**SEMESTER II**

<b>S.No</b>	<b>Course Code</b>	<b>Course Name</b>	<b>Percentage change in Syllabus</b>
1	19UCB206	Introduction to Data Structures and Algorithms	45%
2	19UCB208	Data Structures and Algorithms Laboratory	50%

**Board of Studies resolved to approve and recommend the above changes in first and second semester courses of R2019 curriculum and syllabus of Computer Science and Business Systems.**



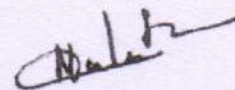
**Agenda 5: List of New Courses under Regulation 2019**

Board of Studies Chairman presented the R2019 curriculum structure and also listed the new courses which have been proposed to include in new curriculum structure of B.Tech (Computer Science and Business Systems).

Board of Studies resolved to approve the following list of new courses that could be included in the R2019 curriculum of B.Tech (Computer Science and Business Systems).

S.No	Course Code	Course Name	L	T	P	C
1.	19UCB106	Fundamentals of Computer Science	3	0	0	3
2.	19UCB109	Computer Programming Laboratory	0	0	0	1.5
3.	19UCB307	Technical Seminar	0	0	2	1
4.	19UCB309	Object oriented programming laboratory	0	0	3	1.5
5.	19UCB602	Business Strategy	2	0	0	2
6.	19UCB702	Financial and Cost Accounting	2	0	0	2
7.	19UCB705	Usability Design of Software Applications	3	0	0	3
8.	19UCB907	Deep Learning for Computer Vision	3	0	0	3
9.	19UCB908	Introduction to Block chain Technology and Application	3	0	0	3
10.	19UCB909	Introduction to Industry 4.0	3	0	0	3
11.	19UCB911	Data Science for Engineering	3	0	0	3
12.	19UCB913	Graph Theory and Applications	3	0	0	3
13.	19UCB915	Introduction to Parallel and Distributed Algorithms	3	0	0	3
14.	19UCB916	Fault Tolerant Computing Systems	3	0	0	3
15.	19UCB917	Introduction to Ad Hoc and Sensor Networks	3	0	0	3
16.	19UCB918	Computer Graphics and Multimedia	3	0	0	3
17.	19UCB919	Information Retrieval Techniques	3	0	0	3
18.	19UCB920	Information Storage Management concepts	3	0	0	3
19.	19UCB922	Introduction to Human Computer Interaction	3	0	0	3
20.	19UCB924	Augmented Reality	3	0	0	3
21.	19UCB925	Introduction to Data Analytics	3	0	0	3
22.	19UCB927	Speech and Natural Language Processing concepts	3	0	0	3
23.	19UCB928	Management Accounting	3	0	0	3
24.	19UCB929	Strategic Management	3	0	0	3
25.	19UCB932	Enterprise Resource Planning	3	0	0	3
26.	19UCB933	Total Quality Management	3	0	0	3

The Chairperson thanked the members for their contribution and suggestions in framing the curriculum and syllabi for B.Tech. Computer Science and Business Systems under Autonomous regulations. She thanked the members of the Board on behalf of the Department of Computer Science and Business Systems for their wonderful suggestions and contribution to frame the curriculum and syllabi.



**Chairperson**

**Board of Studies**

**Computer Science and Business Systems**

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