



# **SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**

**(An Autonomous Institution)**

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)  
(Accredited by NBA-AICTE, New Delhi, ISO 9001:2000 Certified Institution &  
Accredited by NAAC with "A" Grade)

Madagadipet, Puducherry - 605 107



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## **DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS**

### **MINUTES OF BOARD OF STUDIES**

#### **FIFTH MEETING**

#### **Venue**

Staff Room, Department of CSBS  
Sri Manakula Vinayagar Engineering College  
Madagadipet, Puducherry – 605 107

#### ***Date & Time***

***27.09.22 & 10 A.M.***



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## Department of Computer Science and Business Systems

### Minutes of Board of Studies

The Board of Studies Fifth meeting of Department of Computer Science and Business Systems (CSBS) was held on 27<sup>th</sup> Sep 2022 at 10:00 A.M in the Staff Room, Department of CSBS, Sri Manakula Vinayagar Engineering College with the Head of the Department in the Chair.

The following members were present for the BoS meeting

SI.No	Name of the Member with Designation and official Address	Members as Per UGC Norms
1	<b>Dr. N.Danapaquame</b> Professor and Head, Department of CSBS, SMVEC, Puducherry	Chairman
2	<b>Dr.T. Chithralekha, M.Tech., Ph.D</b> Professor, School of Engineering and Technology, Pondicherry University, R.V.Nagar, Kalapet, Puducherry	Subject Expert (University Nominee)
3	<b>Dr. K.Devaki, M.E., Ph.D.,</b> Professor, Department of Computer Science and Engineering, Rajalakshmi Engineering College, Chennai.	Subject Expert (Academic Council Nominee)
4	<b>Dr. M.Chinnadurai, M.E., Ph.D.,</b> Professor, Department of Computer Science and Engineering, Controller of Examination, E.G.S Pillay Engineering College, Nagapattinam,	Subject Expert (Academic Council Nominee)

	Tamil Nadu	
5	<b>Mr. Asoke Das Sarma</b> BPO Transformation Lead, Tata Consultancy Services, Kolkata.	Representative from Industry
6	<b>Dr. P. Victor Paul, M.Tech., Ph.D.,</b> Assistant Professor, Department of Computer Science and Engineering, Indian Institute of Information Technology, Kottayam - 686635, Kerala.	Postgraduate Alumnus (nominated by the Principal)
7	<b>Dr. N.S.N. Cailassame, M.B.A,Ph.D.,</b> Professor and Head, Department of Management Studies, SMVEC.	Internal Member
8	<b>Dr. G. Bala Sendhil Kumar,</b> Professor, Department of Management Studies, SMVEC.	Internal Member
9	<b>Dr.R. Saravanan , M.E., Ph.D,</b> Associate Professor, Department of Information Technology, SMVEC.	Internal Member
10	<b>Mrs.K. Devika , M.E., ,</b> Assistant Professor, Department of Computer Science and Business Systems, SMVEC.	Internal Member
11	<b>Dr.T. Gayathri</b> Professor and Head, Dept of Mathematics, SMVEC	Internal Member
12	<b>Dr.D. Jaichithra</b> Professor and Head, Dept. of English, SMVEC	Internal Member

13	<b>Dr. T. Jayavarthan</b> Professor, Dept. of Physics, SMVEC	Internal Member
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<b>Agenda of the Meeting</b>	
<ol style="list-style-type: none"> <li>1) Confirmation of BOS fourth meeting minutes was held on 27th Sep 2022.</li> <li>2) To review of Curriculum (I to VIII Semesters) and Syllabi (VIII) with professional elective v - Theory course and professional elective V1 Theory + Lab courses of Autonomous R-2020 Regulations</li> <li>3) To discuss and recommend the syllabi for VIII Semester under R2020 Regulations for UG Programme: B.Tech. CSBS</li> <li>4) To discuss the Skill Development Courses</li> <li>5) To discuss about Extra-Curricular and Co – Curricular activities and End Semester Results for students admitted in the year 2020-2021 (Semester III) and 2021-2022 (Semester I).</li> <li>6) To discuss about the list of Value Added Courses to be conducted during the academic year 2022-2023.</li> <li>7) Any other item with the permission of chair</li> </ol>	
<b>Minutes of the Meeting</b>	
<p>Dr.N.Danapaquame, Chairman, BoS officially announced the opening of the meeting, and welcomed the external, internal and co-opted members and also thanked them for accepting the invite and their presence as member of the Board of Studies and the meeting thereafter deliberated on agenda items that had been approved by the Chairman.</p>	
<b>BOS/2022/CSBS/UG/5.1</b>	<b>Confirmation of BOS fourth meeting Minutes was held on 25th August 2021.</b>
	<ul style="list-style-type: none"> <li>● Chairman, BoS, briefed the minutes of 4<sup>th</sup> BoS, its implementation and then it is confirmed with the approval, for the incorporation of minor revisions in curriculum (VIII) and syllabi (VIII semester) of R2020 regulations. The changes in Curriculum and syllabi are mentioned below.</li> </ul> <p><b><u>Revisions in Curriculum</u></b></p> <ul style="list-style-type: none"> <li>● U20CBT509 - Design and Analysis of Algorithms course shall be changed from semester 5 to 4</li> <li>● U20CBT305 - Software Engineering course shall be moved from semester 3 to 4</li> </ul>

- U20CBT408 - Software Design using UML course shall be altered from semester 4 to 5
- U20CBT407 - Database Management Systems course shall be moved from semester 4 to 3
- Change of evaluation Pattern from External to Internal
  - Business communication & value science III (Semester 4)
  - Business communication & value science IV (Semester 6)
- Revision of credits for BCVS IV Course in Semester 6 from 3 to 2
- Revision of credits for Software Design using UML Course from 2 to 3 credits
  
- Revision of Course completion hours based on course credits (Semester I, II, IV – 2 credit course was allotted maximum of 45 hours which are reduced to 30 hrs.)
- No of skill development courses in semester V and VI are reduced

#### **Syllabus Revisions**

Sl. No	Regulation	Sem	Subject Name with Code	Unit	Particulars
1	R-2020	IV	Design and Analysis of Algorithms / U20CBT408	III & IV	Changing the unit order - Unit III and Unit IV are interchanged.
2	R-2020	V	Business Intelligence/ U20CBE504	II & III	Unit II data mining topics specific to Business Intelligence are included Unit III classification and clustering techniques specific to Business Intelligence are included

	3	R-2020	V	Machine Learning/ U20CBE503	II,III, IV,V	Naive Bayes classification; Bayesian networks; Decision Tree and Random Forests; k-Nearest neighbor classification; Support Vector Machines are moved to Unit II Hidden Markov Models and Regression techniques are moved to Unit III Unit IV topics are deals with Unsupervised algorithms and Unit IV deals with only Mining algorithms
	4	R-2020	VI	Robotics and Embedded Systems/ U20CBE606	V	Unit V - Recent trends and open challenges topics are included.
	5	R-2020	VI	Data Mining and Analytics/ U20CBE608	IV	Non Linear Regression contents in Unit IV are removed
	6	R-2020	VI	Financial and Cost Accounting/ U20HST611	II & III	Unit II - Practical's using Tally and in Unit III Application of Tally in Financial Statement Analysis topics are included



	1	R-2020	VII	Usability Design of Software Applications /U20CBT714	II,III & V	<p>The units were reordered</p> <p>Unit II has been changed as Unit V</p> <p>Unit III has been changed as Unit II</p> <p>Unit V has been changed as Unit III</p>
	2	R-2020	VII	Financial Management / U20HST712	II & III	<p>In Unit II Practical Applications using MS Excel is added</p> <p>In Unit III topics such as Project estimation and other Financial influential factors are added and topics such as Tax Increments, Combining Liability Structures and Current Asset Decisions I Operating Cash Flows are removed</p>
	3	R-2020	VII	Human Resource Management /U20HST713	I,II & III	<p>Some topics that fall out of scope like Measuring HR from Unit I and organizational design from Unit II are removed</p> <p>Essential topic such as Practical Applications using SPSS software is added in unit III</p>



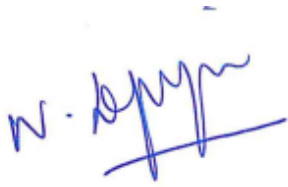


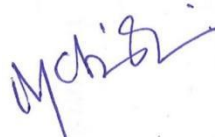
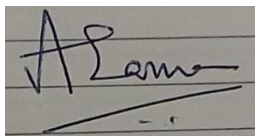

	4	R-2020	VII	Mobile Computing/U 20CBE718	II,IV & V	<p>Topics such as Terminal paging in unit II, Cognitive radio networks in Unit IV are removed</p> <p>Topics such as D2D Communication and 5G in unit V are moved to Unit IV, and replaced by Mobile Computing models.</p>
	5	R-2020	VII	Advanced Social, Text And Media Analytics Laboratory/ U20CBEP72		Link and user influential analysis exercises are included
	6	R-2020	VII	Mobile Computing Laboratory/ U20CBEP73		Mobile app development exercises are introduced
<p>The above corrections are incorporated and the syllabi of semester VII are approved by the BoS members (<b>Annexure- III</b>).</p>						
<b>BOS/2022/CSBS/UG/ 5.4</b>		<b>To discuss about certification and Skill Development Courses</b>				
<p>The chairman briefed the various certification and skill development Courses.</p> <p>BoS Members appreciated the</p> <ul style="list-style-type: none"> <li>• Conduction of certification courses and international certification exams</li> </ul>						








	<ul style="list-style-type: none"> <li>• Conduction of skill development courses and its assessment process</li> </ul>								
<b>BOS/2022/CSBS/UG/5.5</b>	<b>To discuss about online platforms used for teaching, Extra-Curricular and Co – Curricular activities</b>								
	<p>The chairman briefed the Learning Management Systems, Extra-Curricular and Co – Curricular activities to the BoS members.</p> <p>The BoS Members appreciated</p> <ul style="list-style-type: none"> <li>• Great learning platform used for online class</li> <li>• Certification Courses completed by the Students and Staff through edx platform</li> <li>• “Train the Trainer Program” for the Faculties, for the current Semester IV Courses to transit the knowledge and teach TCS designed courses as per their objective</li> <li>• Guest lectures and workshops conducted</li> <li>• Student participation on various events such as hackathon and virtual internships</li> <li>• Various induction orientation activities for students admitted in 2021-2022</li> </ul>								
<b>BOS/2022/CSBS/UG/5.6</b>	<b>To discuss about the list of Value Added Courses to be conducted during the academic year 2022-2023.</b>								
	<p>The Board of Studies suggested and approved a list of Value added courses based on the needs and interests of the students, the relevance of the courses to the job market, and the overall goals and mission of the educational institution. Additionally, seeking input from faculty members, industry experts, and students can provide valuable insights into identifying relevant and impactful courses.</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>List of Value Added Courses Planned to be conducted during the academic year 2022-2023</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>UML Design Tools</td> </tr> <tr> <td>2</td> <td>Neural Network Challenges</td> </tr> <tr> <td>3</td> <td>Impact Analysis od Deep Learning Techniques</td> </tr> </tbody> </table>	S. No.	List of Value Added Courses Planned to be conducted during the academic year 2022-2023	1	UML Design Tools	2	Neural Network Challenges	3	Impact Analysis od Deep Learning Techniques
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1	UML Design Tools								
2	Neural Network Challenges								
3	Impact Analysis od Deep Learning Techniques								

	4	Development of Supervised Learning
	5	Advanced Java Programming Thread & Lamda Expressions
	6	Unveiling Java Programming
<b>BOS/2022/CSBS/UG/5.7</b>	<b>Any other item with the permission of chair</b>	
	BOS members were suggested to revise the structure of course syllabi might be 4 units as theoretical and 1 unit as practical.	

The meeting was concluded at 12:00 PM with vote of thanks by **Dr. N.Danapaquame**, Chairman, Board of Studies, Department of Computer Science and Business Systems.

**Members Present:**

Sl.No	Name of the Member with Designation and official Address	Responsibility in the BoS	Signature
1	<b>Dr. N.Danapaquiame</b> Professor and Head, Department of CSBS, SMVEC, Puducherry	Chairman	
2	<b>Dr.T. Chithralekha, M.Tech., Ph.D</b> Professor, School of Engineering and Technology, Pondicherry University, R.V.Nagar, Kalapet, Puducherry	Subject Expert (University Nominee)	
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Chairman BoS/ Dept of CSBS

Dr. N. Danapaquiame