SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, A. Rangampet-517102

Agenda for 13th Meeting of Board of Studies for B. Tech. (Computer Science and Systems Engineering) on 10.07.2021 at 10:30 AM

1. Action taken report on minutes/resolutions of 12th BOS meeting.

2. Report on implementation of Autonomy with respect to syllabi & academic regulations for I B.Tech (under SVEC-20 regulations).

3. Course Structure, Syllabi with Course Objectives, Course Outcomes, for the Courses of II B.Tech (Under SVEC-20 Regulations).

4. Regulation-wise, list of courses in which the content of the syllabus is changed more than 20%.

5. List of new courses introduced in SVEC-20.

6. Panel of Examiners for Question paper setting.

7. Substitute Courses.

8. Amendments to B. Tech academic regulations under SVEC-20 Regulations.

9. Appraisal on research, teaching, extension and other academic activities, achievements of the Department.

10. Any other item.

Dr. P. Dhana Lakshmi
Chairperson, BOS (CSSE)

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
SreeSainath Nagar, Tirupati - 517102
Department of Computer Science and Systems Engineering

13th Board of Studies Meeting held on 10-07-2021

13th Board of Studies Meeting of the department of CSSE was held on 10-07-2021 at 10:30AM in Zoom Platform.

MEMBERS Present

S.No	Name	Designation	Phone Numbers	Mail IDs
1	**Dr.P.Dhana Lakshmi** Associate Professor Dept. of CSSE, SVEC	Chairperson	9440101946	bos_csse@vidyanikethan.edu
2	**Dr.S.VASUNDARA** Professor, Dept. of CSE JNTUA, College of Engineering, JNTU Anantapur, Ananthapuramu-515002	External Member Nominated by ViceChancellor, JNTUA	9440505837	vasundaras.cse@jntua.ac.in
3	**Dr. B.K. TRIPATHY** Senior Professor & Dean, School of Computing Science and Engineering, VIT University, Vellore-632014, Tamil Nadu	External Member Nominated by ViceChancellor, JNTUA	09489343018	tripathybk@rediffmail.com
4	**Dr. P. VARALAKSHMI** Associate Professor of Computer Technology, Madras Institute of Technology, MIT Road, Radha Nagar,Chromepet, Chennai – 600044	External Member Nominated by ViceChancellor, JNTUA	9444485594	varanip@gmail.com, varanip@annauniv.edu
5	**Mr. V.K. SATHYAMOORTHY CHELLACHAMY** Project Manager, Motion Control, Siemens Technology and Services Pvt.Ltd.43, Valakani Drive, Doddathoguru,Hosur Road, Electronic City Phase1, Bengaluru-560100	Industry	08971129000	sathyamoorthy.vkc@gmail.com

S.No	Name	Designation	Phone Numbers	Mail IDs
6	**Mr. PAVAN YARA** Vice President Technology, First Walkin Technologies #736 4th Floor, Gupta House, 7th Cross Koramangala, Bengaluru-560034 Karnataka	Alumni	8971100449	yarapavan@gmail.com
7	**Prof. C. Madhusudhana Rao** Professor &HoD Dept. of CSSE, SVEC	Internal Member	9959990001	hod_csse@vidyanikethan.edu
8	**Prof.A.Balasubramani** Professor Dept. of CSSE, SVEC	Internal Member	9440379324	balasubramani.a@vidyanikethan.edu
9	**Dr.C.Sushama** Associate Professor Dept. of CSSE, SVEC	Internal Member	9848307199	sushama.c@vidyanikethan.edu
10	**Mr. A. Chandra** Assistant Professor Dept. of CSSE, SVEC	Internal Member	7799666819	chandra.adhimulam@vidyanikethan.edu
11	**Mr.M.Ramu** Assistant Professor Dept. of CSSE, SVEC	Internal Member	7780680227	ramu.m@vidyanikethan.edu
12	**Mr.S.ShivaPraksh** Assistant Professor Dept. of CSSE, SVEC	Internal Member	9440656515	shivaprakash.s@vidyanikethan.edu
13	**Dr.E.Sophiya** Assistant Professor Dept. of CSSE, SVEC	Internal Member	9566903378	Sophiya.e@vidyanikethan.edu

The external members Mr. V. K. SATHYAMOORTHY CHELLACHAMY, Dr. B.K. TRIPATHY and internal member Mr. A. Chandra could not attend the meeting.

13th Meeting of Board of Studies of Computer Science and Systems Engineering (CSSE) was conducted **through online video conferencing** using ZOOM platform. The screenshots taken during the meeting are shown below

Minutes:

1. **Action Taken Report on minutes of 12th BOS meeting held on 09th January 2021**

   The Chairperson BOS appraised the members the action taken report on the minutes/ resolutions of 12th BOS meeting held on 09th January 2021. After deliberations the members ratified the report.

2. **Report on implementation of Autonomy**

   The Chairperson BOS presented a report on implementation of autonomy pertaining to syllabi & academic regulations for I B.Tech(under SVEC-20) regulations to the members. The feedback of students and faculty on the courses of I B.Tech(CSBS) (under SVEC20) are apprised.

3. **Course Structure, Syllabi with Course Objectives, Course Outcomes, for the Courses of II B.Tech CSBS Course structure.**

   The chairperson BOS presented the Course Structure, syllabi with Course Objectives, Course Outcomes for the Courses of II B.Tech (CSBS) Program prepared by the department. The Chairperson BOS appraised the members with the procedure followed in articulation of CEOs, COs and mapping of COs with POs & PSOs. The members suggested modifications and then approved the course structures, syllabus of II B.Tech (CSBS) after thorough discussion.

   The following suggestions are given by the board members on the syllabi and course structure proposed by the department:

   In CSBS Course structure
   1. Recommended to divide the subject Numerical Methods and Probability statistics into two separate subjects as Numerical Methods and Probability statistics.

The chairperson BOS also presented the syllabi with Course Objectives, Course Outcomes for the Course Internet of Things Lab prepared exclusively for the department. The Chairperson BOS appraised the members with the procedure followed in articulation of CEOs, COs and mapping of COs with POs & PSOs.

The course structure of II B. Tech CSBS, under SVEC-20 regulations was approved subject to the modifications that may arise due to suggestions made by the board (Appendix A).

The syllabi of the courses of II B. Tech CSBS prepared by the department was approved subject to the modifications that may arise due to suggestions made by the board (Appendix B).

It is resolved to authorize the Chairperson BOS to adapt the improvements suggested and submit to the Chairman (Academic council) for further processing.

4. **Regulation-wise, list of courses in which the content of the syllabus is changed more than 20%.**

    Regulation-wise, list of courses in which the content of the syllabus is changed more than 20% was appraised to the members and they agreed for the same.

5. **List of new courses introduced in SVEC-20**

    List of new courses introduced in SVEC-20 were appraised to the members and they appreciated for including industry demand oriented courses in curriculum.

6. **Panel of Examiners for Question paper setting for II B. Tech courses of CSBS Program(Under SVEC-20)**

    The board authorizes the Chairperson, BoS to prepare and submit the model question papers and panel of examiners for question paper setting for II B. Tech courses of CSBS Program(Under SVEC-20) theory courses as and when requested by the Chairman, Academic Council or Chief Controller of Exams.

7. **Appraisal on research, teaching, extension and other academic activities, achievements of the Department.**

    The BoS Chairperson apprised the board about theresearch, teaching, extension and other academic activities, achievements of the Department. The members have appreciated the efforts of the department and suggested to continue the same.

8. **Amendments to B. Tech academic regulations under SVEC-20 regulations.**

    The BOS Chairperson presented the amendments proposed to the SVEC-20 Academic Regulations of B. Tech Board members ratified the same after discussions.

9. **Any other item:**

    The Board members have suggested to the faculty for extensive use of ICT tools for improving teaching and learning process.

Meeting concluded with thanks to the Chair.

Chairperson BOS, CSSE

Dr. P. DHANA LAKSHMI
ASSOCIATE PROFESSOR,
Department of C.S.S.E.
SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, A. RANGAMPET
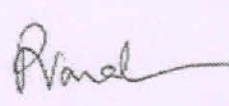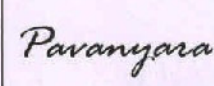Chittoor (Dist.) - 517 102, A.P., INDIA.

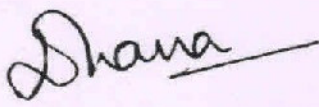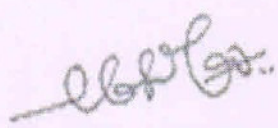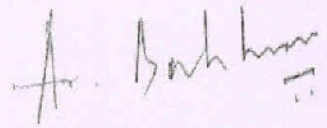# SREE VIDYANIKETHAN ENGINEERING COLLEGE
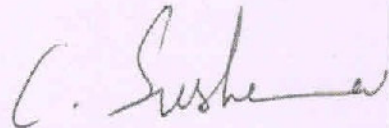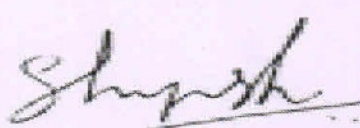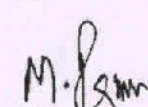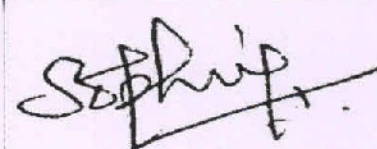## (AUTONOMOUS)
SreeSainath Nagar, Tirupati - 517102
Department of Computer Science and Systems Engineering

Board of Studies in Computer Science and Systems Engineering (2021-22)

MEMBERS PRESENT:

S.No	Name	Signature
External Members		
1.	**Dr.S.VASUNDARA** Professor, Dept. of CSE JNTUA, College of Engineering, JNTU Anantapur, Ananthapuramu-515002 Mobile No. 9440505837 Mail ID.vasundaras.cse@jntua.ac.in	
2.	**Dr. B.K. TRIPATHY** Senior Professor & Dean, School of Computing Science and Engineering, VIT University, Vellore-632014, Tamil Nadu Mobile No. 09489343018 Email ID.tripathybk@rediffmail.com	
3.	**Dr. P. VARALAKSHMI** Associate Professor of Computer Technology, Madras Institute of Technology, MIT Road, Radha Nagar,Chromepet, Chennai – 600044 Mobile No. 9444485594 Email ID.varanip@gmail.com, varanip@annauniv.edu	
Industrial Member		
4.	**Mr. V.K. SATHYAMOORTHY CHELLACHAMY** Project Manager,Motion Control, Siemens Technology and Services Pvt.Ltd. 43, Valakani Drive, Doddathoguru,Hosur Road, Electronic City Phase-1,Bengaluru-560100 Mobile No. 08971129000 Email ID. sathyamoorthy.vkc@gmail.com	
Alumni		
5.	**Mr. PAVAN YARA** Vice President Technology, First Walkin Technologies #736 4th Floor, Gupta House, 7th Cross Koramangala, Bengaluru-560034 Karnataka	Pavanyara

S.No	Name	Signature
Internal Members		
6.	**Dr.P.Dhana Lakshmi** Associate Professor& BOSChairperson Dept. of CSSE, SVEC Mobile No. 9440101946 Email ID. bos_csse@vidyanikethan.edu	Dhana
7.	**Prof. C.MadhusudhanaRao** Professor &HoD Dept. of CSSE, SVEC Mobile No. 9959990001 Email ID. hod_csse@vidyanikethan.edu	
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12.	**Mr.M.Ramu** Assistant Professor Dept. of CSSE, SVEC Mobile No. 7780680227 Email ID. ramu.m@vidyanikethan.edu	M.Ramu
13.	**Dr. E. Sophiya** Assistant Professor Dept. of CSSE, SVEC Mobile No. 9566903378 Email ID. sophiya.e@vidyanikethan.edu	

Dr. P. DHANA LAKSHMI
ASSOCIATE PROFESSOR,
Department of C.S.S.E.
SREE VIDYANIKETHAN ENGINEERING COLLEGE

Approved Course Structure

Program: B. Tech.- Computer Science and Business Systems

Regulations: SVEC-20

SVEC-20 CURRICULUM

Course Structure for B.Tech Program
(Effective from the Academic year 2020-21 onwards)

COMPUTER SCIENCE AND BUSINESS SYSTEMS

Mandatory Induction Program	03 weeks duration
Induction program offered before commencement of the I-Semester course work	Physical activity
	Creative Arts
	Universal Human Values
	Literary
	Proficiency Modules
	Lectures by Eminent People
	Visits to local Areas
	Familiarization to Department/Branch and Innovations

COURSE STRUCTURE
I B. Tech. – I Semester

Sl. No.	Course Code	Course Title	Contact Periods per week				C	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	20BT1BS01	Differential Equations and Multivariable Calculus	3	-	-	3	3	30	70	100
2.	20BT1HS01	Communicative English	3	-	-	3	3	30	70	100
3.	20BT11201	Programming for Problem Solving	3	-	-	3	3	30	70	100
4.	20BT12901	Discrete Mathematical Structures	3	-	-	3	3	30	70	100
5.	20BT12902	Fundamentals of Business Information Systems	3	-	-	3	3	30	70	100
6.	20BT1HS31	Communicative English Lab	-	-	3	3	1.5	30	70	100
7.	20BT11231	Programming for Problem Solving Lab	-	-	3	3	1.5	30	70	100
8.	20BT12931	Fundamentals of Business Information Systems Lab	-	-	3	3	1.5	30	70	100
9.	20BT1MC01	Universal Human Values (Mandatory Course)	2	-	-	2	-	30	-	30
		Total:	17	-	09	26	19.5	270	560	830

I B. Tech. – II Semester
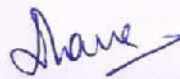
Sl. No.	Course Code	Course Title	Contact Periods per week				C	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	20BT2BS01	Transformation Techniques and Linear Algebra	3	-	-	3	3	30	70	100
2.	20BT1BS03	Engineering Physics	3	-	-	3	3	30	70	100
3.	20BT10201	Basic Electrical and Electronics Engineering	3	-	-	3	3	30	70	100
4.	20BT21501	Object Oriented Programming through Java	3	-	-	3	3	30	70	100
5.	20BT22901	Data Structures and Algorithms	3	-	-	3	3	30	70	100
6.	20BT1BS32	Engineering Physics Lab	-	-	3	3	1.5	30	70	100
7.	20BT21531	Object Oriented Programming through Java Lab	-	-	3	3	1.5	30	70	100
8.	20BT22931	Data Structures and Algorithms Lab	-	-	3	3	1.5	30	70	100
9.	20BT1HSAC	Spoken English(Audit Course)	2	-	-	2	-	-	-	-
		Total:	17	-	09	26	19.5	240	560	800

II B.Tech I–Semester

S. No.	Course Code	Course Title	Contact Periods per Week				Credits (c)	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	20BT3BS01	Numerical Methods, Probability and Statistics	3	-	-	3	3	30	70	100
2.	20BT30501	Computer Organization	3	-	-	3	3	30	70	100
3.	20BT50502	Design and Analysis of Algorithms	3	-	-	3	3	30	70	100
4.	20BT31201	Software Engineering	3	-	-	3	3	30	70	100
5.	20BT31502	Operating Systems	3	-	-	3	3	30	70	100
6.	20BT31231	Software Engineering Lab	-	-	3	3	1.5	30	70	100
7.	20BT31532	Operating Systems Lab	-	-	3	3	1.5	30	70	100
8.	20BT41531	Design and Analysis of Algorithms LAB	-	-	3	3	1.5	30	70	100
9.	20BT31232	Programming in Python Lab		1	2	3	2	30	70	100
		Total	15	1	11	27	21.5	270	630	900
10.	20BT315AC	Design Thinking	2	-	-	2	-	-	-	-

II B.Tech II–Semester

S. No.	Course Code	Course Title	Contact Periods per Week				Credits (C)	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	20BT40501	Database Management Systems	3	-	-	3	3	30	70	100
2.	20BT42901	Automata and compiler design	3	-	-	3	3	30	70	100
3.	20BT42902	Computational Statistics	3	-	-	3	3	30	70	100
4.	20BT42903	E-Business Management	3	-	-	3	3	30	70	100
5.	Open Elective-2		3	-	-	3	3	30	70	100
6.	20BT40531	Database Management Systems Lab	-	-	3	3	1.5	30	70	100
7.	20BT42931	Automata and compiler design lab	-	-	3	3	1.5	30	70	100
8.	20BT42932	Computational Statistics Lab	-	-	3	3	1.5	30	70	100
9.	20BT3HS31	Soft skills	-	1	2	3	2	30	70	100
		Total	15	1	11	27	21.5	270	630	900
10.	20BT3MC01	Environmental Science	2	-	-	2	-	30	-	30

Chairperson, BOS (CSSE)
Dr. P. DHANA LAKSHMI
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SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, Tirupati

Department of Computer Science and Systems Engineering

LIST OF NEW COURSES INTRODUCED

Program: B.Tech.- Computer Science and Business Systems

Regulations: SVEC-20

S. No.	Course Code	Name of the course
1.	20BT12902	Fundamentals of Business Information Systems
2.	20BT12931	Fundamentals of Business Information Systems Lab
3.	20BT42901	Automata and compiler design
4.	20BT42902	Computational Statistics
5.	20BT42903	E-Business Management
6.	20BT42931	Automata and compiler design lab
7.	20BT42932	Computational Statistics Lab

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