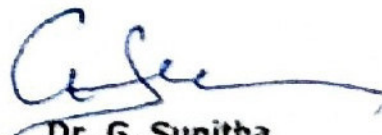


SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)

SREE SAINATH NAGAR, A. RANGAMPET-517 102

**Agenda for 13th Meeting of Board of Studies for
B. Tech.-Computer Science and Engineering (Data Science)
on 08-07-2021 at 3 PM**

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.-CSE (Data Science) under SVEC-20 regulations.
3. Vision and Mission of the Department, PEOs, POs & PSOs for B. Tech.-CSE (Data Science) Program.
4. Course Structure, Syllabi with Course Objectives, Course Outcomes for the Courses of II B.Tech(Under SVEC-20) and Course structure of Minor & Honors Degrees (Under SVEC-20).
5. Panel of Examiners for Question paper setting.
6. Amendments to SVEC20 B. Tech. academic regulations.
7. Any other item.


Dr. G. Sunitha
Chairperson, BOS (CSE)

**Minutes of the 13th Meeting of Board of Studies (CSE) for the
UG Program B.Tech.-CSE(Data Science)
conducted on 08.07.2021 at 3:00 PM**

Members Present:



S.No	Name	Designation
1.	Dr. G. Sunitha Professor, Dept. of CSE, SVEC	Chairperson
2.	Dr. P. Chenna Reddy Professor of CSE, JNTUA College of Engineering, JNTU Ananthapuramu, Ananthapuramu	External Member (Nominated by Vice- Chancellor, JNTUA)
3.	Dr. D.V.V. Prasad Professor of CSE, SSN College of Engineering, Chennai	External Member (Nominated by Academic Council)
4.	Dr. T. Chitralekha Professor & Dean, School of Engineering & Technology, Pondicherry University Puducherry	External Member (Nominated by Academic Council)
5.	Ms. Annie Joyce. V Joint Director, RTS-IoT Group, C-DAC, Bengaluru	External Member (Industry)
6.	Mr. B. Kiran Automation Tech. Lead Tyfone CDI Pvt. Ltd Bengaluru.	Alumni Member
7.	Dr. V.V. Rama Prasad Professor, Dept. of CSE, Sree Vidyanikethan Engineering College	Internal Member
8.	Dr. B. Narendra Kumar Rao Professor & Head, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member

S.No	Name	Designation
9.	Dr. M. Sunil Kumar Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member
10.	Dr. A.V. Sriharsha Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member
11.	Dr. J. Aswini Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member
12.	Mr. Shaik Salam Associate Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member
13.	Dr. M. Sakthivel Associate Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member
14.	Dr. J. Avanija Associate Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member
15.	Dr. K. Reddy Madhavi Associate Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member
16.	Dr. V. Anantha Natarajan Associate Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member
17.	Dr. K. Suresh Associate Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member
18.	Dr. Srinivasa Chakravarthi Associate Professor, Department of CSE, Sree Vidyanikethan Engineering College	Internal Member

Minutes:

1. Action Taken Report on Minutes/resolutions of 12th BoS Meeting

The Chairperson, BoS presented the Action Taken Report on Minutes/Resolutions of the 12th BoS Meeting held on 09th January 2021. After deliberations the members ratified the report.

2. Vision and Mission of the Department, PEOs, POs and PSOs of B.Tech.-CSE(Data Science)

The Chairperson, BoS apprised the members about the Vision & Mission of the Department, Program Educational Objectives, Program Outcomes and Program Specific Outcomes of B.Tech.-CSE(Data Science). The members perused and ratified the same.

3. Course Structure, Syllabi with Course Objectives, Course Outcomes for the Courses of II B.Tech(Under SVEC-20) and Course structure of Minor & Honors Degrees (Under SVEC-20).

The Chairperson, BoS presented the course structure of II, III & IV B.Tech.-CSE(Data Science) along with Honor Degree in Information Management and Security and

syllabus of II B.Tech.-CSE(Data Science) under SVEC20 regulations prepared in-line with AICTE Model Curriculum 2018, AICTE Approval Process Handbook 2020-21 and APSCHE Revised Engineering Curriculum for B.Tech. Regular/Honors/Minor. It is resolved to accept the course structure of II, III & IV B.Tech.-CSE(Data Science) along with the proposed Honor degree and syllabus of II B.Tech.-CSE(Data Science) after thorough discussion. Suggestions and remarks given by members were taken into consideration.

After deliberations and discussions, the board members have made following suggestions on the course structure of III and IV year B.Tech.-CSE(Data Science) (under SVEC20) proposed by the department:

- The course "Information Retrieval Techniques" may be offered as Professional Elective in III year.

Board members decided that the course structures for III and IV B.Tech.-CSE (Data Science) along with Honor degree proposed under SVEC20 Regulations is tentative and suggested for presenting the same with detailed syllabi in the ensuing BoS meeting to be held on April/May 2022.

The II B.Tech.-CSE(Data Science) course structure under SVEC20 regulations was approved subject to the modifications that may arise due to suggestions made by the board.

The draft syllabi of II B.Tech. courses (under SVEC20 regulations) along with course objectives, course outcomes, lesson plans, model question papers were presented for discussion. The Chairperson BoS apprised the members that the model question papers of the courses are in-line with the AICTE Examination Reform Policy 2018. The syllabi of the following II B.Tech. courses prepared by CSE department was approved.

- Foundations of Data Science
- Foundations of Data Science Lab

It is resolved to authorize the Chairperson, BoS to adapt improvements suggested by the board members and submit to the Chairman (Academic Council) for further processing.

4. Panel of Examiners for question paper setting of II B.Tech.-CSE(Data Science) courses under SVEC20 regulations

Regarding Panels of Question Paper setters for II B.Tech.-CSE(Data Science) courses under SVEC20 regulations, it is resolved to authorize the Chairperson, BoS to approve panel of question paper setters for theory subjects. Board suggested to submit the panel of question paper setters and model question papers, to the Principal well in advance of the commencement of class work.

5. Amendments to SVEC-20 B.Tech. Academic Regulations


The Chairperson, BoS presented the amendments proposed to SVEC20 B.Tech. Academic Regulations. The members ratified the same after discussions.

6. Any other item:

Board members have made following suggestions:

- Appreciated the institution for taking initiative towards having MoUs with industry & foreign universities. Members further suggested that the summer internships may be offered on-campus to students through industry collaborations to facilitate real-time industry exposure. The board suggested considering online internships, on-campus internships under internship evaluation procedure.
- Encourage faculty for extensive use of ICT tools for improving teaching-learning process.
- Encourage faculty to conduct laboratory courses with Virtual Labs to enhance student learning.

The BoS members appreciated the pro-active approach of college management and efforts taken by department for the growth of the department. The meeting concluded with thanks to the Chairperson, BoS.


(Dr. G. Sunitha)

CHAIRMAN, B.O.S,
COMPUTER SCIENCE & ENGINEERING
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A. Rangampet
Near TIRUPATI - 517 102, A.P.


(Dr. B. Narendra Kumar Rao)

PROFESSOR & HEAD
Dept. of Computer Science & Engineering
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A. Rangampet
Chittoor (Dt.) - 517 102, A.P.

Approved Course Structure (SVEC-20)

II 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.	20BT3BS01	Numerical Methods, Probability and Statistics	3	-	-	3	3	30	70	100
2.	20BT30501	Computer Organization	3	-	-	3	3	30	70	100
3.	20BT30502	Data Structures	3	-	-	3	3	30	70	100
4.	20BT30503	Python Programming	3	-	-	3	3	30	70	100
5.	20BT12901	Discrete Mathematical Structures	3	-	-	3	3	30	70	100
6.	20BT30531	Data Structures Lab	-	-	3	3	1.5	30	70	100
7.	20BT30532	Python Programming Lab	-	-	3	3	1.5	30	70	100
8.	20BT30533	Workshop In Computer Science	-	-	3	3	1.5	30	70	100
9.	20BT30534	Programming through C++ Lab	-	1	2	3	2	30	70	100
10.	20BT315AC	Design Thinking	2	-	-	2	-	-	-	-
Total:			17	01	11	29	21.5	270	630	900


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II 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.	20BT50501	Computer Networks	3	-	-	3	3	30	70	100
2.	20BT40501	Database Management Systems	3	-	-	3	3	30	70	100
3.	20BT31501	Operating Systems	3	-	-	3	3	30	70	100
4.	20BT43201	Foundations of Data Science	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.	20BT31531	Operating Systems Lab	-	-	3	3	1.5	30	70	100
8.	20BT43231	Foundations of Data Science Lab	-	-	3	3	1.5	30	70	100
9.	20BT3HS31	Soft Skills Lab	-	1	2	3	2	30	70	100
10.	20BT3MC01	Environmental Science	2	-	-	2	-	30	-	30
11.	20BT4NS01	NCC/NSS Activity	-	-	-	-	-	-	-	-
Total:			17	01	11	29	21.5	300	630	930


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LIST OF COURSES FOR
OPEN ELECTIVE-1 AND OPEN ELECTIVE-2

Course Code	Open Elective -1	Course Code	Open Elective -2
20BT4BS01	Material Science	20BT4HS01	Banking and Insurance
20BT4HS02	Business Communication and Career Skills	20BT4HS03	Cost Accounting and Financial Management
20BT4HS04	Entrepreneurship for Micro, Small and Medium Enterprises	20BT4HS05	Gender and Environment
20BT4HS06	German Language	20BT4HS07	Indian Economy
20BT4HS08	Indian History	20BT4HS09	Life Skills
20BT4HS10	Personality Development	20BT4HS11	Indian Tradition and Culture
20BT4HS12	Women Empowerment	20BT4HS13	Constitution of India
20BT40205	Reliability and Safety Engineering	20BT50106	Disaster Mitigation and Management
20BT40105	Environmental Pollution and Control	20BT50107	Sustainable Engineering
20BT40106	Planning for Sustainable Development	20BT50108	Contract Laws and Regulations
20BT40107	Rural Technology	20BT50310	Global Strategy and Technology
20BT40305	Human Resource Management	20BT50311	Management Science
20BT50506	Ethical Hacking	20BT40502	Cyber Laws and Security
20BT51205	AI in Healthcare	20BT50206	Intellectual Property Rights
20BT51501	Bioinformatics	20BT50406	Green Technologies



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