SREE VIDYANIKETHAN ENGINEERING COLLEGE
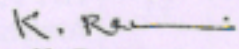## (AUTONOMOUS)
SREE SAINATH NAGAR, A. RANGAMPET-517 102

**Agenda for 10th Meeting of Board of Studies for
B. Tech. (Information Technology) on 10.06.2019 at 2:15 PM**

1. Action taken report on minutes/ resolutions of 9th BOS meeting.

2. Report on implementation of autonomy with respect to syllabi & academic regulations for III B. Tech (under SVEC16).

3. Academic Calendar for II, III and IV Year B.Tech for 2019-20.

4. Vision and Mission of the Department, PEOs, POs & PSOs and Course Structure (All 4 years) of B. Tech. Program under SVEC-19 Curriculum.

5. Administrative set-up for B. Tech (IT).

6. Implementation of Teaching, Learning and Evaluation Process.

7. Substitute Courses.

8. Research Activities.

9. Faculty Development Activities.

10. Staff Development Activities.

11. Student Development Activities.

12. Student Support Systems.

13. Extension Activities.

14. Any other item.

Dr. K. Ramani
Chairperson, BOS (IT)

Members Present on 10.06.2019

S.No.	Name	B.O.S Affiliation	Signature
1.	**Dr. K. Ramani** Professor & Head	Chairperson	K. Ra—
2.	**Prof. B. Eswara Reddy,** Professor & Principal JNTUA College of Engineering Kalkiri – 517234 Chittoor (DT)	External Member	Eswar
3.	**Mr. Srinivas Kongara** Associate Manager, Accenture, Hyderabad - 500003, Telangana, India.	External Member	K. Srini.
4.	**Mr. B. Jayachandra Reddy** Software Engineer Wipro Limited, Electronic City, Bangalore Karnataka – 561 229	External Member	Jayachandra
5.	**Dr. L. V. Reddy** Professor of IT	Programme Coordinator (PG)	Luy
6.	**Dr. K. Khaja Baseer** Associate Professor of IT	Programme Coordinator (UG)	t.k.ₜ based
7.	**Dr. A. Srinivasulu** Professor of IT	Internal Member	
8.	**Mr. P. Srinivasa Reddi** Associate Professor of IT	Internal Member	
9.	**Dr. Vellingiri J** Associate Professor of IT	Internal Member	J. Vlenngi
10.	**Dr. O. Obulesu** Associate Professor of IT	Internal Member	obul
11.	**Mr. V. Lokanadham Naidu** Assistant Professor (SL) of IT	Internal Member	Lanadham.V
12.	**Ms. V. Jyothsna** Assistant Professor of IT	Internal Member	Jyothsna
13.	**Mr. Ch. Sreenu Babu** Assistant Professor of IT	Internal Member	chr—

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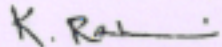
Department of Information Technology

Minutes of 10th meeting of B.O.S (I.T) conducted on 10-06-2019 at 2.15 PM.

1. Members of B.O.S were apprised of the Action Taken Report on minutes of 9th B.O.S meeting held on 25.05.2018.

2. A copy of report on implementation of autonomy with respect to III B. Tech, II semester of SVEC-16 regulations.

3. The B.O.S members have appreciated the Teaching, Learning and Evaluation Process.

4. The external members of B.O.S have appreciated the research and consultancy activities of Information Technology department.

5. The external members of B.O.S have appreciated the student, staff and faculty development activities that are conducted during the Academic Year 2018-19.

6. A copy of Academic calendar for 2019-20 pertaining to II, III & IV B.Tech, I & II semesters is circulated to B.O.S members and members approved the same.

7. The proposed course structure of B. Tech (IT) SVEC-19 regulations was discussed in meeting.

8. The syllabi of Programming for Problem Solving and Object Oriented Programming through Java courses along with laboratory experiments were presented to the members present.

9. The external member Mr. Srinivasa Kongara suggested to include experiments related to oracle virtual box software and simulation tools for cloud storage.

10. The external member Mr. Srinivasa Kongara asked to remove canvas, client-side storage, drag-drop topics of HTML5 in Unit-1 of web technologies course.

11. The external members suggested the following order for PSOs of SVEC-19:

   - **PSO1: Data management:** Design and develop database systems, apply data analytics techniques, and use advanced databases for data storage, processing and retrieval.

   - **PSO2: Information security:** Apply security techniques and tools for the development of highly secure systems

   - **PSO3: Application development:** Analyze, design and develop efficient algorithms and software applications to deploy in secure environment to support contemporary services using programming languages, tools and technologies.

- **PSO4: Intelligent systems:** Apply concepts of computer vision and artificial intelligent for the development of efficient intelligent systems and applications.

12. The external member Prof. B. Eswara Reddy suggested to assign passive load for lab sessions while computing the faculty load as 1.5 Hours for 3 Hours lab.

13. The external member Prof. B. Eswara Reddy suggested to permit the faculty to attend programs like Seminars/FDP/Workshops at higher-level institutions than SVEC.

14. The members suggested to undergo CCNA certification and others by staff.

15. The members suggested to increase industry tie-ups / MoU's to inculcate more practical knowledge among students.

16. The members suggested to introduce LISP programming in CAD course.

17. The members suggested to rename the topics 'fundamental data types' and 'Collection data types' in Programming for Problem Solving course to 'type conversions' and 'collections' respectively.

18. The members suggested to include experiments on looping topic related to scratch tool and Dictionary topic in Programming for Problem Solving Lab course.

19. The members advised to convert the details given in Exp. 6 of OOPs through Java Lab to class diagram for better understanding.

20. The members suggested to include C Programming either in Data Structures or IT Workshop as it is mandatory for competitive exams.

21. The members advised to rewrite the course objectives of Programming for Problem Solving Course as:

    - To demonstrate interactive visual programming concepts.

    - To analyze and design Problem Solving Techniques using Interactive Tools like Scratch and Raptor.

22. Suggested to replace Optimization Techniques with Linux Programming as it is a platform technology.

K. Ra

Dr. K. Ramani
Chairperson, BoS-IT

Approved Course Structure

Program : B.Tech.- INFORMATION TECHNOLOGY

Regulations : SVEC-19

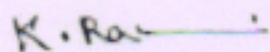## I B.Tech I–Semester

Information Technology (IT)

Sl. No.	Course Code	Course Title	Course Category	Contact Periods per week				Credits (C)	Scheme of Examination Max. Marks		
				L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	19BT1BS01	Differential Equations and Multivariable Calculus	BS	3	1	0	4	4	40	60	100
2.	19BT1BS04	Engineering Chemistry	BS	3	0	0	3	3	40	60	100
3.	19BT1HS01	Communicative English	HS	3	0	0	3	3	40	60	100
4.	19BT10501	Programming for Problem Solving	ES	3	1	0	4	4	40	60	100
5.	19BT1BS32	Engineering Chemistry Lab	BS	0	0	2	2	1	50	50	100
6.	19BT1HS31	Communicative English Lab	HS	0	0	2	2	1	50	50	100
7.	19BT10331	Computer Aided Engineering Drawing	ES	0	1	2	3	2	50	50	100
8.	19BT10531	Programming for Problem Solving Lab	ES	0	0	2	2	1	50	50	100
			Total	12	3	8	23	19	360	440	800

COURSE STRUCTURE

I B.Tech II–Semester
Information Technology (IT)

Sl. No.	Course Code	Course Title	Course Category	Contact Periods per week				Credits (C)	Scheme of Examination Max. Marks		
				L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	19BT2BS01	Transformation Techniques and Linear Algebra	BS	3	1	0	4	4	40	60	100
2.	19BT1BS02	Biology for Engineers	BS	2	0	0	2	2	40	60	100
3.	19BT1BS03	Engineering Physics	BS	3	0	0	3	3	40	60	100
4.	19BT10341	Basic Civil and Mechanical Engineering	ES	3	0	0	3	3	40	60	100
5.	19BT10201	Basic Electrical and Electronics Engineering	ES	3	0	0	3	3	40	60	100
6.	19BT21501	Object Oriented Programming through Java	PC	3	0	0	3	3	40	60	100
7.	19BT1BS31	Engineering Physics Lab	BS	0	0	2	2	1	50	50	100
8.	19BT10231	Basic Electrical and Electronics Engineering Lab	ES	0	0	2	2	1	50	50	100
9.	19BT20331	Engineering Workshop	ES	0	0	2	2	1	50	50	100
10.	19BT21531	Object Oriented Programming through Java Lab	PC	0	1	2	3	2	50	50	100
			Total	17	2	8	27	23	440	560	1000
11.	19BT1AC01	Spoken English	AC	2	0	0	2	0	-	-	-

K. Ra——

Dr. K. RAMANI
Chairman, BOS (IT)