



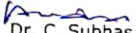
## **SREE VIDYANIKETHAN ENGINEERING COLLEGE**

(Autonomous)

Sree Sainath Nagar, A. Rangampet-517 102

### **Agenda for 8<sup>th</sup> Meeting of Board of Studies for B. Tech. in Electronics and Communication Engineering on 22.03.2017 @ 9:30 AM**

1. Action taken report on minutes/ resolutions of 7<sup>th</sup> BOS meeting.
2. Report on implementation of autonomy with respect to syllabi and regulations (SVEC16 I B. Tech. & SVEC14 III B. Tech.).
3. B. Tech. Academic Calendar for 2017-18.
4. Vision and Mission of the Department, PEOs, POs and PSOs.
5. Course Structure and Syllabi with Course Objectives & Outcomes and Lesson Plans of Courses of II, III & IV B. Tech. including courses of other departments.
6. Teaching, Learning and Evaluation.
7. Research Activities.
8. Faculty Development Activities.
9. Staff Development Activities.
10. Student Development Activities.
11. Student Support Systems.
12. Extension Activities.
13. Any other item.

  
Dr. C. Subhas  
Chairman (BOS)

**SREE VIDYANIKETHAN ENGINEERING COLLEGE**

(Autonomous)

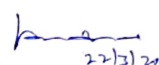


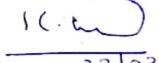
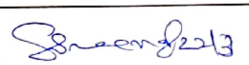
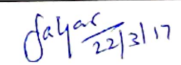

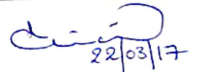
Sree Sainath Nagar, A. Rangampet-517 102


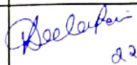





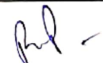

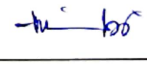

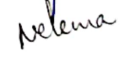
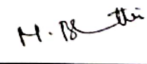
**Department of Electronics & Communication Engineering**

**Board of Studies for B. Tech. in Electronics and  
Communication Engineering**

**8<sup>th</sup> Meeting held on 22<sup>nd</sup> March 2017 @ 9:30 AM**

**Members Present:**

S.No.	Name and Address of the member	Signature
1.	<b>Dr. C. Subhas,</b> Professor of ECE & Dean (Academics), Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	 22/3/2017
2.	<b>Dr. K. Rama Naidu</b> Professor of ECE & Director (Evaluation) Jawaharlal Nehru Technological University Anantapur ANANTHAPURAMU - 515 002	 22.3.2017
3.	<b>Dr. N. V. S. Narasimha Sarma</b> Professor of ECE National Institute of Technology Warangal WARANGAL - 506 004	 22/3/17
4.	<b>Dr. K. Babulu</b> Professor of ECE and Director of Library Sciences & EDC Jawaharlal Nehru Technological University Kakinada KAKINADA - 533 003	 22/03/2017
5.	<b>Dr. Srinath Settur</b> Head, Transfer of Technology, Centre for Development of Telematics (C-DOT) Electronic City, Phase-I, Hosur Road, BENGALURU - 560 100	 22/3
6.	<b>Mr. K. Sagar</b> Design Engineer-II Advanced Micro Devices India Pvt. Ltd. Building No. 11, Mind Space, Madhapur HYDERABAD - 500 081	 22/3/17
7.	<b>Dr. P. Venkata Ramana,</b> Professor and Head, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	 22/3/17
8.	<b>Dr. V. R. Anitha,</b> Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	 22/03/17

9.	<b>Dr. N. Padmaja,</b> Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	
10.	<b>Dr. D. Leela Rani,</b> Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	 22/3/17
11.	<b>Dr. N. Gireesh,</b> Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	 22/3/17
12.	<b>Mr. S. Tulasi Prasad,</b> Associate Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	 22/3/17
13.	<b>Dr. P. Geetha</b> Associate Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	 22/3/17
14.	<b>Dr. A. B. Yadav</b> Associate Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	
15.	<b>Dr. A. Jana,</b> Associate Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	
16.	<b>Dr. P. K. Pradhan,</b> Associate Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	
17.	<b>Dr. P. Srinivasa Rao,</b> Associate Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	
18.	<b>Dr. N. Vithya Lakshmi,</b> Associate Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	
19.	<b>Dr. B. Senthil Kumar</b> Associate Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	
20.	<b>Ms. K. Neelima,</b> Assistant Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	
21.	<b>Ms. M. Bharathi</b> Assistant Professor, Dept. of ECE. Sree Vidyanikethan Engineering College, Sree Sainath Nagar - 517102, Tirupati.	

## **Minutes:**

### **1. Action Taken Report on minutes of BOS meeting on 22<sup>nd</sup> April 2016**

The Chairman BOS appraised the members the action taken on the minutes/ resolutions of BOS meeting held on 22<sup>nd</sup> April 2016. After deliberations the members ratified the report and the same is placed at Annexure – I.

### **2. Report on implementation of Autonomy**

The Chairman BOS presented a report on implementation of autonomy pertaining to SVEC14 regulations and course structure & syllabi for III years and SVEC16 regulations and course structure & syllabi for I years to the members. The report is accepted after discussions and the same is placed at Annexure-II.

### **3. Academic Calendars**

The Chairman BOS presented the members the academic calendars for II, III and IV B. Tech. classes for the academic year 2017-'18. After deliberations and discussions the calendars are approved and the same are placed at Annexure-III. As the admission dates are not finalized for I B. Tech. classes during the academic year 2017-'18, it is resolved to authorize the Chairman BOS to prepare academic calendar for I B. Tech. and to submit to the Chairman (Academic Council) for approval.

### **4. Vision & Mission of the Dept., PEOs, POs & PSOs**

The Chairman BOS has appraised the members the Vision & Mission of the dept. and PEOs, POs & PSOs which were already approved in the last BoS meeting, for continuity.

### **5. Course Structure and Syllabi with Course Objectives & Outcomes and Lesson Plans for II, III & IV B. Tech. Courses including courses of other departments**

The Chairman BOS appraised the complete course structure already approved in last BoS meeting and the draft syllabi prepared by the department for II, III and IV B. Tech. The Chairman informed the members that I B. Tech. syllabi is already approved and is being implemented. After deliberations and discussions, the members have suggested certain changes in II, III & IV B. Tech. course structure. The modified course structure is placed at Annexure-IV. The members have suggested improvements in the syllabi and lesson plans. It is resolved to authorize the Chairmen BOS to adapt the improvements suggested, finalize the syllabi with lesson plan and submit to the Chairman (Academic Council) along with modified course structure for further processing.

### **6. Teaching, Learning and Evaluation**

The Chairman BOS presented the teaching, learning and evaluation practices followed in the department. The members of BOS have appreciated the good practices followed by the department in the conduct of diagnostic and formative tests and remedial classes and suggested to continue the same. They suggested that the faculty members to prepare well in advance, spend half-an-hour more on the topic(s) to be taught before going to the class, explain applications first, make classroom teaching more interactive with practical examples and illustrations. Faculty members should do all experiments in a lab course with measurements before starting of the semester so that they can properly guide the students and verify their results. They also suggested to give couple of open-ended questions to the students at the end of each class and to verify the answers in the

next class. They further suggested to prepare scheme of evaluation at the time of setting question paper itself so that the faculty members will have full clarity on question paper and proper valuation of the answer script is ensured. The Chairman BoS assured the members that the efforts in this direction will be intensified.

#### **7. Research Activities**

The Chairman BOS has briefed the members about the research initiatives, such as thrust areas of research, research clusters and technical talks and research project sanctioned and submitted. The Chairman BoS highlighted increase in number of projects sanctioned and applied during the present academic year. The chairman also appraised the members that the renowned researchers namely Dr. Prahlada, Dr. Lazar Mathew and Dr. Madhusudan V Atre keep visiting the campus for guiding the faculty members in research activities. The members have appreciated the efforts of the college in providing such expert guidance. They suggested that the faculty members should keep submitting the research proposals till they are sanction, even it takes long time.

#### **8. Faculty Development Activities**

The Chairman BOS has presented the members information on the research publications/ presentations by the faculty, books published, faculty incentives, qualification up-gradation, FDPs attended, FDPs organized, and student feedback on faculty. The members have appreciated the efforts of the department and suggested to continue the same. They suggested to give pedagogical training to the junior faculty members at least. The Chairman BoS assured the members that the efforts in this direction will be intensified.

#### **9. Staff Development Activities**

The Chairman BOS has presented the members the staff development programs organized and attended. The members have appreciated the efforts of the department and suggested to continue the same.

#### **10. Students Development Activities**

The members perused and noted the information provided on Gold medals, Guest and Expert Lectures organized, Add-on courses conducted, Student paper publications, Prizes won in Co-curricular and extra-curricular activities. The members have appreciated the student centric activities of the department and suggested to continue the same. They suggested to develop the students in a way that they take failures as stepping stones for success. The Chairman BoS assured the members that the efforts in this direction will be intensified.

#### **11. Student Support Systems**

The members noted the information on good practices such as Counseling Mechanism, CPRS, Training Activities by the Companies, Campus Selections, Companies visited for placement, Entrepreneurship Activities, and IIIC activities followed for all round growth and development of students. The BOS members have appreciated the proactive approach of the college in organizing the above activities for increasing the employability of the students and suggested to continue the same. They suggested wide-based counseling covering academic and personal aspects. The Chairman BoS assured the members that the efforts in this direction will be intensified.




### **12. Extension Activities**

The members have perused, noted and appreciated the efforts of department/ college in organizing professional, technical and community development activities. The BOS members have suggested to continue the same. They suggested to encourage students to participate in more number of community activities so that they get integrated with society.

### **13. Quality Initiatives**

The Chairman BOS appraised the members that the department has applied for re-accreditation of B. Tech. program and the peer team visit is due in August 2017. The members have appreciated the efforts of the department in the quality initiatives.

Meeting concluded with thanks to the Chair.

  
**Chairman, BoS in ECE**

# SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar, Tirupati – 517 102.

## Department of Electronics and Communication Engineering

### SVEC16 B. Tech. Course Structure

S. No.	Course Code	Course Title	Contact Periods/ Week				Credits (C)	Scheme of Examination Max. Marks		
			L	T	P	Total		Internal Marks	External Marks	Total Marks
<b>I Year - I Semester</b>										
1.	16BT1BS02	Engineering Physics	3	1	-	4	3	30	70	100
2.	16BT1BS03	Matrices and Numerical Methods	3	1	-	4	3	30	70	100
3.	16BT1BS04	Multi-variable calculus and Differential equations	3	1	-	4	3	30	70	100
4.	16BT10241	Network Analysis	4	1	-	5	4	30	70	100
5.	16BT10501	Programming in C	3	1	-	4	3	30	70	100
6.	16BT1BS32	Engineering Physics Lab	-	-	3	3	2	50	50	100
7.	16BT10232	Electrical and Electronics Workshop Practice	-	-	3	3	2	50	50	100
8.	16BT10251	Network Analysis Lab	-	-	3	3	2	50	50	100
9.	16BT10531	Programming in C Lab	-	-	3	3	2	50	50	100
<b>Total</b>			<b>16</b>	<b>5</b>	<b>12</b>	<b>33</b>	<b>24</b>	<b>350</b>	<b>550</b>	<b>900</b>

S. No.	Course Code	Course Title	Contact Periods/ Week				Credits (C)	Scheme of Examination Max. Marks		
			L	T	P	Total		Internal Marks	External Marks	Total Marks
<b>I Year - II Semester</b>										
1.	16BT1HS01	Technical English	3	1	-	4	3	30	70	100
2.	16BT1BS01	Engineering Chemistry	3	1	-	4	3	30	70	100
3.	16BT2BS01	Transformation Techniques and Partial Differential Equations	3	1	-	4	3	30	70	100
4.	16BT20401	Electronic Devices and Circuits	3	1	-	4	3	30	70	100
5.	16BT20541	Foundations of Data Structures	3	1	-	4	3	30	70	100
6.	16BT1HS31	English Language Lab	-	-	3	3	2	50	50	100
7.	16BT1BS31	Engineering Chemistry Lab	-	-	3	3	2	50	50	100
8.	16BT10331	Computer Aided Engineering Drawing	-	1	6	7	3	50	50	100
9.	16BT20551	Foundations of Data structures Lab	-	-	3	3	2	50	50	100
<b>Total</b>			<b>15</b>	<b>6</b>	<b>15</b>	<b>36</b>	<b>24</b>	<b>350</b>	<b>550</b>	<b>900</b>

  
Chairman, BOS in ECE