

**Agenda for 9th Meeting of Board of Studies for M. Tech in
Power Electronics and Drives, on 26-05-2018 @ 2:15 PM**

1. Action taken report on minutes / resolutions of 8th BOS meeting.
2. Report on implementation of autonomy with respect to regulations (SVEC16 I M.Tech.).
3. M.Tech. Academic Calendar for 2018-19.
4. Model Curriculum-2018 Course Structures and Syllabi. SVEC Proposed Course Structure in-line with AICTE Model Curriculum-2018.
5. Teaching, Learning and Evaluation.
6. Research Activities.
7. Faculty Development Activities.
8. Staff Development Activities.
9. Student Development Activities.
10. Student Support Systems.
11. Extension Activities.
12. Any other item.



Dr. T. Nageswara Prasad
Chairman (BOS)

Board of Studies for M. Tech. in
Power Electronics and Drives
9th Meeting held on 26th May 2018

Minutes of meeting:

BoS Members:

S. No.	Name	Designation
1	Dr. T. Nageswara Prasad Professor, Head, Dept. of EEE, SVEC	Chairman
2	Dr. K. Santhi Swarup Professor Department of Electrical Engineering Indian Institute of Technology Madras	JNTUA Nominee (Academics)
3	Dr. K. Vaisakh Professor, Department of Electrical Engineering, Andhra University College of Engineering, Andhra University	External Member (Academics)
4	Dr. R. P. Kumudini Devi Professor, Dept. of EEE, Power System Engineering Division, Anna University	External Member (Academics)
5	Mr. P. Chandrasekhar Joint Director, Electrical Appliances Technology Division (EATD) CPRI, Bangalore.	External Member (Industry)
6	Mr. Sreevatsav RSSD Alstom Transport Pvt. Ltd., Bangalore	Alumni (Industry)
7	Dr. P. Umapathi Reddy Professor, Dept. of EEE, SVEC	Internal Member
8	Dr. M.S. Sujatha Professor, Dept. of EEE, SVEC	Internal Member
10	Dr. S. Hema Chandra Professor, Dept. of EEE, SVEC	Internal Member
9	Dr. N.M.G. Kumar Professor, Dept. of EEE, SVEC	Internal Member
11	Dr. S. Farook Associate Professor, Dept. of EEE, SVEC	Internal Member
12	Dr. E. Parimala Sundar Associate Professor, Dept. of EEE, SVEC	Internal Member
13	Dr. G. Hari Krishnan Associate Professor, Dept. of EEE, SVEC	Internal Member

S. No.	Name	Designation
14	Dr. V. Arun Associate Professor, Dept. of EEE, SVEC	Internal Member
15	Dr. R. Jayanthi Associate Professor, Dept. of EEE, SVEC	Internal Member
16	Dr. S. Krishnama Raju Associate Professor, Dept. of EEE, SVEC	Internal Member
17	Dr. Avagaddi Prasad Associate Professor, Dept. of EEE, SVEC	Internal Member
18	Mr. M. Manohara Associate Professor, Dept. of EEE, SVEC	Internal Member

Minutes:

1. Action Taken Report on minutes of BoS meeting on 27th March, 2017

The Chairman BoS apprised the members the action taken on the minutes / resolutions of BOS meeting held on 27th March 2017. After deliberations the members ratified the report.

2. Report on implementation of Autonomy

The Chairman BoS presented a report on implementation of autonomy pertaining to M.Tech (PED) for the students admitted from the AY 2017-2018. The members of the BoS were appraised the feedback of the students and the faculty on the courses of I-Semester M. Tech (PED).

3. Academic Calendars

The Chairman BoS presented the academic calendars for M.Tech. for the academic year 2018-'19. The same is recommended to Academic Council without any modification.

4. Course Structure of M.Tech. (PED) – SVEC18

The committee discussed the AICTE Model Curriculum-2018 Course Structure and Syllabi and the SVEC Proposed Course Structure prepared in-line with AICTE Model Curriculum-2018. The Chairman BoS apprised the course structure of M.Tech. (PED) under SVEC-18 regulations. After detailed discussion on the course structure, the BoS members have suggested improvements in the course structure.

BoS members have made the following suggestions for possible amendment in the course structure:

- To include the course Optimization techniques for M.Tech. (PED).
- To include the course FACTS Controllers for M.Tech. (PED) as a mandatory.

- To include the course SMPS and Resonant Converters for M.Tech. (PED).

BoS members have made the following suggestions on the syllabus for laboratory courses:

Consider the following aspects in the course Power Electronics lab,

- Experiments shall be conducted using MATLAB based coding (i.e. .M file) for especially drives modeling.
- solar based experiments for M.Tech. (PED).

5. Teaching, Learning and Evaluation

The Chairman BoS presented the teaching, learning and evaluation practices followed in the department. The board suggested to make classroom teaching more interactive with emphasis on analysis of various scenarios with suitable examples and illustrations with videos especially for laboratory. The Chairman BoS assured the members that the efforts in this direction will be intensified.

6. 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 projects submitted. The members have appreciated the efforts of the college in providing such expert guidance.

7. Faculty Development Activities

The board is apprised with the information on the research publications/ presentations by the faculty, faculty incentives, FDPs attended, FDPs organized, and student feedback on faculty. The members have appreciated the efforts of the department and suggested to continue the same. The Chairman BoS assured the members that the efforts in this direction will be intensified.

8. Staff Development Activities

The board is apprised with the information about staff development programs organized and attended. The members have appreciated the efforts of the department and suggested to continue the same.

9. Students Development Activities

The members perused and noted the information provided on Guest and Expert Lectures organized, Add-on/workshop courses conducted and student paper publications. 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.

10. Student Support Systems

The members noted the information on good practices such as Counseling Mechanism, Training Activities by the organization, Campus Selections, Companies visited for placement, Entrepreneurship Activities, and IIC activities followed for all round growth and development of students. The number of programs for M.Tech. (PED) are less and should be increased to make the student industry ready.

11. 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 continuing the same. They suggested to encourage students to participate in more number of community activities so that they get integrated with society.

12. Any other item:

Members suggested to

- a. arrange internships to maximum number of students to increase the employability.
- b. arrange industrial visits to the students to study and analyze the technology being used in the industry.
- c. organize more number of association activities towards the placement and training.

The members appreciated the pro-active approach of college management and efforts taken by department

S. No.	Name	Designation	Signature
1	Dr. T. Nageswara Prasad Professor, Head, Dept. of EEE, SVEC	Chairman	T.N.Prasad
2	Dr. K. Santhi Swarup Professor Department of Electrical Engineering Indian Institute of Technology Madras	JNTUA Nominee (Academics)	NOT ATTENDED
3	Dr. K. Vaisakh Professor, Department of Electrical Engineering, Andhra University College of Engineering, Andhra University	External Member (Academics)	NOT ATTENDED
4	Dr. R. P. Kumudini Devi Professor, Dept. of EEE, Power System Engineering Division, Anna University	External Member (Academics)	NOT ATTENDED
5	Mr. P. Chandrasekhar Joint Director, Electrical Appliances Technology Division (EATD) CPRI, Bangalore.	External Member (Industry)	NOT ATTENDED
6	Mr. Sreevatsav RSSD Alstom Transport Pvt. Ltd., Bangalore	Alumni (Industry)	Sreevatsav
7	Dr. P. Umapathi Reddy Professor, Dept. of EEE, SVEC	Internal Member	Umapathi Reddy
8	Dr. M.S. Sujatha Professor, Dept. of EEE, SVEC	Internal Member	M.S. Sujatha
10	Dr. S. Hema Chandra Professor, Dept. of EEE, SVEC	Internal Member	S. Hema Chandra
9	Dr. N.M.G. Kumar Professor, Dept. of EEE, SVEC	Internal Member	N.M.G. Kumar
11	Dr. S. Farook Associate Professor, Dept. of EEE, SVEC	Internal Member	S. Farook
12	Dr. E. Parimala Sundar Associate Professor, Dept. of EEE, SVEC	Internal Member	E. Parimala Sundar
13	Dr. G. Hari Krishnan Associate Professor, Dept. of EEE, SVEC	Internal Member	G. Hari Krishnan
14	Dr. V. Arun Associate Professor, Dept. of EEE, SVEC	Internal Member	V. Arun
15	Dr. R. Jayanthi Associate Professor, Dept. of EEE, SVEC	Internal Member	R. Jayanthi
16	Dr. S. Krishnama Raju Associate Professor, Dept. of EEE, SVEC	Internal Member	S. Krishnama Raju
17	Dr. Avagaddi Prasad Associate Professor, Dept. of EEE, SVEC	Internal Member	A. Prasad
18	Mr. M. Manohara Associate Professor, Dept. of EEE, SVEC	Internal Member	M. Manohara