

Agenda for 9th Meeting of Board of Studies for B. Tech. in Electrical and Electronics Engineering on 26-05-2018 @ 9:30 AM

1. Action taken report on minutes / resolutions of 8th BOS meeting.
2. Report on implementation of autonomy with respect to syllabi and regulations (SVEC16 II B. Tech. & SVEC14 IV B. Tech.).
3. B. Tech. Academic Calendar for 2018-19.
4. AICTE Model Curriculum-2018 Induction Training, Course Structure 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)

**Meeting of Board of Studies
Electrical Electronics Engineering**

**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
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

S. No.	Name	Designation
17	Dr. Avagaddi Prasad Associate Professor, Dept. of EEE, SVEC	Internal Member
18	Mr. M. Manohara Associate Professor, Dept. of EEE, SVEC	Internal Member

1. Action Taken Report on minutes / resolutions of 8th BoS Meeting:

The Chairman, BoS Dr. T. Nageswara Prasad presented the report on the action taken on 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 briefed the members on the implementation of autonomy with respect to syllabi and regulations (SVEC16 II B. Tech. & SVEC14 IV B. Tech.). The feedback of the students and the faculty on the courses of I-II, II-I & II-II SVEC16 B. Tech and III-II, IV-I & IV-II SVEC14 B. Tech is appraised.

3. Academic Calendar

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

4. B. Tech. (EEE) Course Structure & Vision and Mission of the Department

The Chairman, BoS has appraised the members about the Vision & Mission of the dept. and PEOs, POs & PSOs of B.Tech (EEE).

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 in the BoS meeting. Keeping in view of the kind of intake the college gets, the board felt that the syllabus is heavy and cannot be implemented as it is. The following are the observations made by the board on the syllabi and course structure proposed by AICTE and the Course Structure proposed by SVEC:

- The BEE (Theory) and BEE (Lab) course in the I-Semester shall be exclusively designed for B.Tech. (EEE) and a separate course shall be designed for other programmes of B.Tech. suiting the requirements.
- Look at the possibility of having at least one technical course in the II-Semester.
- Two Machines courses shall be dealt as three courses.
- The course Biology shall be dealt either in I Year or IV Year of B.Tech. programme.

- The course "Measurements and Instrumentation" can't be studied in one semester. Look at the possibility of studying the course as two separate courses.
- Try to cover the "Signals and Systems" course in the II Year.
- Introduce Microcontrollers instead of Microprocessors.
- Explore the possibility of covering Electric Drives by trimming the syllabus of Power Electronics course. In the Power Electronics course, it is enough to concentrate on the devices IGBT and MOSFET. Since Cycloconverters and AC Voltage Controllers are not being used in industry, they can be replaced with Electric Drives.
- It will be more effective to have "Effective Technical Communication" course in V- or VI-Semester.
- Introduce "Data Mining", "Machine Learning", "Big Data Analytics" as IDE courses.
- The board appreciated the idea of carrying out the Project Work in two phases commencing in VII-Semester and completing in VIII-Semester.

The board feels to continue with SVEC-16 Regulations and Course Structure for the batch being admitted during the AY 2018-2019 by implementing the "Induction Programme" of 3 weeks duration as suggested by AICTE.

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, 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.

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.

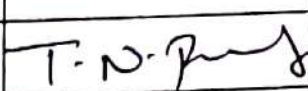
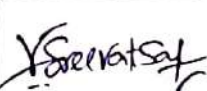
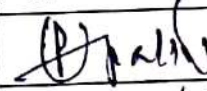
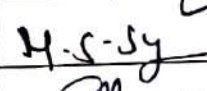

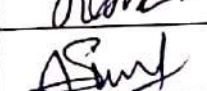
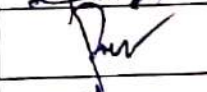

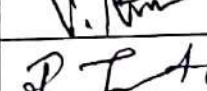
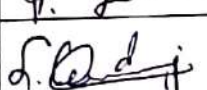
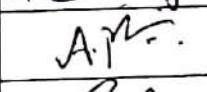


12. Any other item

Members suggested to

- a. have visual labs for better experience and understanding.
- b. encourage all the students to do hardware oriented projects.
- c. conduct awareness programme on energy saving at near by villages.
- d. increase the number of visits to industry for better understanding and exposure.
- e. 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

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