



SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar, Tirupati – 517 102, AP.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Agenda for 8th Meeting of Board of Studies for UG Programme

B.Tech. (Electrical and Electronics Engineering) on

27th March, 2017

1. Action taken report on minutes/ resolutions of 7th 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
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


Chairman, BOS-EEE

SREE VIDYANIKETHAN ENGINEERING COLLEGE

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Sree Salnath Nagar, A. Rangampet-517 102

Department of Electrical & Electronics Engineering

Meeting of Board of Studies Electrical Electronics Engineering on 27th March, 2017

Minutes of meeting:

Members Present:

S. No.	Name	Role
1	Dr. T. Nageswara Prasad Professor, Head, Dept. of EEE, SVEC	Chairman
2	Dr. K. Vaisakh Professor, Department of Electrical Engineering, Andhra University College of Engineering, Andhra University	External Member (Academics)
3	Dr. R. P. Kumudini Devi Professor, Dept. of EEE, Power System Engineering Division, Anna University	External Member (Academics)
4	Mr. Sreevatsav RSSD Alstom Transport Pvt. Ltd., Bangalore	Alumni (Industry)
5	Dr. P. Umapathi Reddy Professor, Dept. of EEE, SVEC	Internal Member
6	Dr. M.S. Sujatha Professor, Dept. of EEE, SVEC	Internal Member
7	Dr. N.M.G. Kumar Professor, Dept. of EEE, SVEC	Internal Member
8	Dr. S. Hema Chandra Professor, Dept. of EEE, SVEC	Internal Member
9	Dr. K. Venkatesan Professor, Dept. of EEE, SVEC	Internal Member
10	Dr. R. Selvarasu 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	Mr. M. Manohara Associate Professor, Dept. of EEE, SVEC	Internal Member

1. Dr. T. Nageswara Prasad, chairman BoS, EEE has

- Presented the resources, strengths and achievements of the department since the last BOS meeting i.e., April, 2016.
- Presented the features and highlights of SVEC-16 regulations to the members of BoS.

2. Action Taken report on minutes/resolutions of 7th BOS meeting:

The chairman Dr. T. Nageswara Prasad presented the report on action taken on the resolutions made in the last BoS meeting held on 22nd April, 2016.

3. Report on implementation of autonomy for B.Tech Programme.

- SVEC-16 regulations are being implemented for the B.Tech (EEE) batch admitted during 2016-17. The feedback of the students and the faculty on the courses of I-I B.Tech. is appraised.
- SVEC-14 regulations are being implemented for the B.Tech (EEE) batches admitted from 2014-15 academic year onwards. The feedback of the students and the faculty on the courses of II-I, II-II and III-I B.Tech. is appraised.

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

The chairman Dr. T. Nageswara Prasad appraised the members (New Composition)

- Vision and Mission of department.
- The program educational objectives and program outcomes, and also presented the program specific outcomes of the program.
- The proposed course structure for II, III & IV B.Tech (EEE) program of SVEC-16 regulations in line with the program outcome for approval.

After detailed discussion on the course structure, the Board of Studies members have made the following suggestions for possible amendment in the course structure:

S. No	Suggestions	Remarks
1.	To bring the course Technical English and associated laboratory into I year, I semester instead of being in I year, II semester.	As these courses have been already approved in the last BoS and are being implemented for the batches admitted from 2016-17, the suggestions will be considered in the next revision of Syllabus under new regulations
2.	To bring the course Engineering Chemistry into the I year, I semester instead of being in I year, II semester.	
3.	To bring the course Special Functions and Complex Analysis into the I year II semester instead of being in II year, I semester.	
4.	To shift the course electric circuits and associated laboratory into the I Year II semester instead of being in I Year, I semester.	
5.	The course Electromagnetic Fields should bring to II year, I semester and should be dealt either in prior or in parallel with the course DC machines.	It has been resolved to bring EMF to II year- I Semester
6.	To rename the course Switching Theory and	It has been resolved to forward the

	Logic Design as digital Logic Design	suggestion to the Bos. ECE for possible amendment
7.	To shift the course switching Theory and Logic Design to the II semester of II year	It has been resolved to bring STLD to II year-II Semester
8.	To incorporate any one course either Managerial Economics and Principles of Accountancy of Management Science instead of two courses	As these courses have been already approved in the last BoS, suggestions will be considered in the next revision of Syllabus under new regulations
9.	Following the guidelines laid by AICTE ensure the percentage of categorization of the courses viz Hs, BS, ES, PC, PE, OE and Project work/Seminar/CVV	The course structure has been formulated following the guidelines laid by AICTE.
10.	Change the title of the Transmission and distribution laboratory as power system-I lab and procure TRDS for the laboratory	It has been resolved to change the title as suggested
11.	Bring the course Power System Analysis to III Year, II semester, and the courses Switch Gear Protection to IV Year, I Semester	It has been resolved to alter the course structure as suggested

The Course structure is thus approved with the above said suggestions and the finalized course structure is attached as Annexure-B1.

5. Detailed syllabi of the various courses of II, III and IV B.Tech. (EEE):

The chairman Dr. T. Nageswara Prasad has presented the detailed syllabus, Lesson plans for various courses of SVEC-16 regulations. After detailed discussion on the Syllabus, the members of Board of studies have made the following suggestions on the syllabus:

- include the text book on signals and systems by Oppenheim as a reference book for the course Signals, Systems and Networks.
- perform experiments in Signals and networks laboratory by generic tools/hardware.
- remove unit-V (Per-Unit Systems and Power Factor Correction) from the course Generation of electric Power as it doesn't substantiate the title. Instead add the concepts such as Grid integration issues and Captive power concepts.
- add the text book switchgear and Protection by Paithankar as a reference book for the course Switch Gear and Protection.
- include the text book on Power System Stability and Control by Prabha Kundur as a reference book for the course HVDC Transmission.
- change the Unit titles of the course Electrical Machine design reflecting the course title.
- reconsider the last unit V (TMSLF2407 DSP Controllers) of the course Digital Signal Processing.
- Include the concepts of Very Fast Transient Over voltage in the course High Voltage Engineering.
- Include the concepts of trapezoidal waveform of Brushless DC motor and Hall sensor into lesson plan in the course Special Electrical Machines. Also suggested to refer the

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. Vaisakh Professor, Department of Electrical Engineering, Andhra University College of Engineering, Andhra University	External Member (Academics)	Vaisakh
3	Dr. R. P. Kumudini Devi Professor, Dept. of EEE, Power System Engineering Division, Anna University	External Member (Academics)	R.P. Kumudini Devi
4	Mr. Sreevatsav RSSD Alstom Transport Pvt. Ltd., Bangalore	Alumni (Industry)	Sreevatsav
5	Dr. P. Umapathi Reddy Professor, Dept. of EEE, SVEC	Internal Member	P. Umapathi Reddy
6	Dr. M.S. Sujatha Professor, Dept. of EEE, SVEC	Internal Member	M.S. Sujatha
7	Dr. N.M.G. Kumar Professor, Dept. of EEE, SVEC	Internal Member	N.M.G. Kumar
8	Dr. S. Hema Chandra Professor, Dept. of EEE, SVEC	Internal Member	S. Hema Chandra
9	Dr. K. Venkatesan Professor, Dept. of EEE, SVEC	Internal Member	K. Venkatesan
10	Dr. R. Selvarasu Professor, Dept. of EEE, SVEC	Internal Member	R. Selvarasu
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	Mr. M. Manohara Associate Professor, Dept. of EEE, SVEC	Internal Member	M. Manohara