

**VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Lr.No.VCE/EEE

Date: 21-05-2019

**MINUTES OF THE BOARD OF STUDIES MEETING HELD ON 18-05-2019**

**8th BOS Meeting**

**Agenda:**

The following is the agenda of the meeting

1. Confirmation of the minutes of previous BOS meeting held on 17-05-2018
2. Action Taken Report on the items of previous BOS meeting held on 20-05-2018
3. Review of Institute Vision & Mission, Department Vision & Mission, PEO's, PSO's, PO's and CO's
4. Note on the department achievements
5. Review of the following for the BE students to be admitted during 2019-20:
  - a. Scheme of instruction and examinations from I to VIII Semesters
  - b. Syllabi for I and II Semester courses
6. Review of the following for the BE students admitted during 2018-19:
  - a. Scheme of instruction and examinations from III to VIII Semesters
  - b. Syllabi for III and IV Semester courses
7. Review of the following for the BE students admitted during 2017-18:
  - a. Scheme of instruction and examinations from V to VIII Semesters
  - b. Syllabi for V and VI Semester courses
8. Review of the following for the BE students admitted during 2016-17:
  - a. Scheme of instruction and examinations from VII to VIII Semesters
  - b. Syllabi for VII and VIII Semester courses
9. Review of the following for the M.Tech students to be admitted during 2019-20:
  - a. Scheme of instruction and examinations from I and IV Semesters
  - b. Syllabus for I and II Semester courses

10. Review of the following for the M.Tech students to be admitted during 2018-19:

- a. Scheme of instruction and examinations from III and IV Semesters
- b. Syllabus for III and IV Semester courses

11. Any other item with the permission of the chair.

The following are the members of BOS meeting held on 18<sup>th</sup> May 2019

- 1. Dr.G.Yesuratnam, Professor, Department of EEE, OU College of Engineering
- 2. Dr. Vinod Kumar D M, Professor, Department of EEE, NIT Warangal
- 3. Dr.PVN Prasad, Professor, Department of EEE, OU College of Engineering
- 4. Mr.V.Srinivas, CEO, Synergy Infra Consultant Pvt. Ltd.

The following faculty of the Department attended the meeting

- 1. Dr.P.M. Sarma
- 2. Dr.K.Ravi Kumar
- 3. Mrs.Ch.V.S.S.Sailaja
- 4. Mr.Sreenivasulu
- 5. Mrs.Sandhya Rani
- 6. Mr.G.Mahesh
- 7. Mrs.G.Pranava
- 8. Ms. K.V. Divyasree
- 9. Mr.U.Elisha
- 10. Mr.N.Uday Kumar
- 11. Mr.D.Harish Kumar
- 12. Mr.P.Rajasekhar Reddy
- 13. Mr.P.Ravi
- 14. Mr.Dhanunjaya Rao

**Minutes of BOS Meeting – 18-05-2019:**

- 1. BOS Members may kindly authorize the BOS chairman to sign on all the approved syllabi presented in the meeting.
- 2. BOS Members may kindly authorize the BOS Chairman to change the codes of the subjects in future if any.

Minutes of BOS Meeting of the department of EEE was organized on 18-05-2019.

**BE & ME – Electrical and Electronics Engineering**

1. Dr.D.M.Vinod Kumar suggested to rename the following subjects in R19,R18 and R17 regulations (in all schemes and syllabi) 'Microprocessors, Microcontrollers and their Applications' is renamed as 'Microprocessors & Microcontrollers Applications'. 'Microprocessors, Microcontrollers and their Applications Lab' is renamed as Microprocessors & Microcontrollers Applications Lab'.
2. The members asked to check the feasibility regarding the following changes in scheme and syllabi of R18 & R19 regulations
  - (i) To place SGP in place of Signals & Systems for VI Sem.
  - (ii) to place Power System Operation and Control in place of Switchgear and Protection in VII Sem
  - (iii) Club Signals & Systems and DSP Applications as one subject.
  - (iv) Place Power Systems I in IV Sem and Power Systems II in V Sem.
  - (V) Make Power System Operation and Control (PSOC) as Core subject and select another Professional Elective in Power Systems instead of PSOC.
  - (vi) Another alternative is to keep Signals & Systems as Professional elective and make it mandatory.
3. BOS members suggested:  
In R-19, 2019-20 II Sem, following are to be renamed
  - (i) Circuit Theory for Basic Electrical Circuits
  - (ii) Electrical Circuits Lab.In R-19, 2019-20 III Sem, following are renamed
  - (i) Network Analysis for Electrical Circuit Analysis
  - (ii) Electrical Network Analysis Lab for Circuits and Simulation Lab.
4. Dr.P.V.N.Prasad suggested to correct title switched mode conversion corrected as switched mode power conversion in all regulations.
5. BOS members suggested:  
In, 2019-20 syllabus, the subject, Basic Electrical Engineering for Civil Engineers,  
Unit 3, title is to be changed as DC Machines  
Unit 4, title is to be changed to AC Machines & Applications
6. BOS members suggested the following changes:  
In Basic Electrical & Electronics Engineering (for Mechanical Engineering-IV Sem of 2019-20(R-19)) subject, '&AC Machines' is to be removed in Unit II title.  
Under AC Machines after 'split phase' topic, 'capacitor start, capacitor run induction motors' topics are to be added.
7. BOS members suggested the following changes:  
In Electrical Circuits Lab, 'real life' is to be changed to 'practical'. 'KCL and KVL' terms are to be expanded. 'Analyze' is to be changed to 'Analysis'. Spellings are corrected.
8. BOS members suggested the following changes:  
In Basic Electrical Engineering for Civil Engineers, KCL and KVL terms are to be expanded. In 10<sup>th</sup> experiment, 'consumption' word is to be replaced as 'energy'. Link of Units 3 & 4 to 6<sup>th</sup> experiment and linking last experiment to Units 6 & 4.  
In the theory subject, in Unit II, 'energy' term is to be added after 'power factor' term.

9. BOS members suggested the following changes:  
Basics of Electrical and Electronics Engineering, theory subject, for Mechanical Engineering (2019-20 –Sem-IV- R 19), subject is to be renamed as Basic Electrical & Electronics Engineering.
10. BOS members suggested the following changes:  
In Basic Electrical & Electronics Engineering Lab, 'series circuit' is added after 'RLC' in the second experiment.
11. BOS Chairperson, instructed to obtain the approved copies of syllabi of 'Electronics Engineering-I', 'Electronics Engineering-II', 'Electronics Engineering-I Lab' and 'Electronics Engineering-II Lab' from ECE department.
12. BOS members suggested the following changes:  
In 'Circuits and Simulation Lab' for 2018-19 admitted batch(R18), III Sem, 'ZY & ABCD' terms are to be added in the fourth experiment.
13. BOS members suggested the following changes:  
In 'Circuits and Simulation Lab' for 2018-19 admitted batch(R18), III Sem, 10<sup>th</sup> experiment is to be renamed as 'simulation of transient responses' and software names are to be removed in 8<sup>th</sup> and 9<sup>th</sup> experiments.
14. BOS members suggested the following changes:  
In 'Circuits and Simulation Lab' for 2018-19 admitted batch(R18), III Sem, 5<sup>th</sup>, 6<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> experiments are to be renamed as  
(5) Verification of Thevenin's & Norton's theorems.  
(6) Verification of Superposition theorem & Maximum Power Transfer theorem.  
(11) Simulation of Thevenin's & Norton's theorems.  
(12) Simulation of Superposition & Maximum Power Transfer theorems.
15. BOS members suggested the following changes:  
In 2018-19(R-18), Electrical Machines I syllabus, Unit V title is to be renamed as single phase transformers and 'tap changing transformers' content is to be added after auto transformers.
16. BOS members suggested the following changes:  
'Lissajous patterns' to be added after 'amplitude measurement' in 'ELECTRICAL MEASUREMENTS & INSTRUMENTATION' subject (R-18 & R-17).
17. BOS members suggested the following changes:  
Capital letters and apostrophe marks are to be checked in the subject, 'ELECTRICAL MEASUREMENTS & INSTRUMENTATION' (R-18 & R-17).
18. BOS members suggested the following changes:  
'Inductance' is to be replaced in the place of 'inductor in 3<sup>rd</sup> experiment of 'ELECTRICAL MEASUREMENTS LAB' and formatting is to be done (R-18 & R-17).
19. BOS members suggested the following changes:  
'Calibration of Voltmeter & Ammeter by using D.C Potentiometer' is to be added in the 5<sup>th</sup> experiment of 'ELECTRICAL MEASUREMENTS LAB' (R-18 & R-17).
20. BOS members suggested the following changes:  
In B.E VI- SEMESTER, ELECTRICAL INSTALLATION AND SAFETY (Open Elective –IV), (2018-19, R-18), all the units titles are to be named and highlighted.
21. BOS members suggested the following changes:  
In ME, the title of Professional elective, 'AI Applications to Power Systems' is to be renamed as 'Swarm Intelligence Applications to Power Systems'.
22. Dr.G.Yesuratnam advised to look into the possibility of including Advanced Power

System Protection as core in ME Scheme

23. BOS members suggested to check the feasibility of offering PWM converters and Applications, Switched Mode Power Conversion in place of Power Electronics Controlled Electric Drives (PECED) subject in ME