



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Department of Electrical and Electronics Engineering

Minutes of the VIII meeting of BOS scheduled on 20-04-2022

Date: 20-04-2022

The VIII meeting of the BOS of EEE was held on 20/04/2022 at 9.30 AM, Ajivika Conference Hall. Dr. V. Srinivasa Rao, Chairperson presided over the meeting.

Agenda 8.1: Welcome address by Chairperson.

Dr. V. Srinivasa Rao, BOS Chairperson invited the distinguished members of BOS to the VIII BOS Meeting.

Agenda 8.2: Ratification of minutes of the previous Board of Studies meeting and Dissemination of the Vision and Mission of the department and Program Educational Objectives (PEOs)

The BOS members have ratified the points discussed in the previous Board of Studies meeting held on 28/09/2021. And Head of the department explained the Vision and Mission of the department, PEOs, POs and PSOs of the Programs under the Department.

Agenda 8.3.: Discussion on proposed AR20B.Tech (EEE) V, VI, VII and VIII semesters syllabus and ratification of the same.

The BOS members approved the AR20B.Tech (EEE) V, VI, VII and VIII semesters syllabus after incorporating the following changes in the proposed syllabi.

- Suggested that in Power Electronics course the Unit-IV: Basics of choppers can be removed. Dual converter to be added.
- Suggested that in Electrical Measurements and Instrumentation lab 10th experiment in the compulsory experiments is swapped with 5th experiment in the augmented list of experiments.
- Suggested that in Industrial Electrical systems in Unit V PLC is replaced by max DNA.
- Suggested that in Neural Networks and Fuzzy Logic in Unit IV Kolmogorov Theorem Learning Difficulties and Improvements and Associative memories is replaced with Bidirectional associative memory, architecture of discrete Hopfield network and In Unit V Neural network applications is removed.
- Suggested to remove fuel cell and ocean energy from non-conventional energy resources.
- Suggested to include PMSM drives basic operation in power converters and drives.

- Suggested to include k-factors and non-three phase transmission lines in electrical distribution systems.
- Suggested to remove power system stabilizers and calculation of damping torque from power system analysis.
- Suggested to include these four experiments in power system and simulation lab:
 - i. Performance of long transmission line without compensation
 - ii. Performance of long transmission line with shunt compensation
 - iii. Analyze the Ferranti effect on long transmission line
 - iv. Transient Stability analysis of single machine connected to an infinite bus (SMIB) using equal area criterion.
- Suggested to include the experiment Determination of the characteristics of a LVDT in electrical measurements and instrumentation lab.

Agenda 8.4: Discussion on proposed AR20 Honors and Minor Degree Courses syllabus and ratification of the same.

The BOS Members ratified the syllabus of Honors and Minor Degree courses of AR20 V, VI and VII semesters.

Agenda 8.5: Discussion on value added courses offered for the students and ratification of the same.

Members of BOS ratified the following value- added courses identified for the students to be offered and suggested to include topics related to thrust areas.

Agenda 8.6: Discussion on the new courses offered in the B. Tech (EEE) program and ratification of the same.

Members of BOS noted the new courses offered in the B. Tech (EEE) program and ratified the same. The list of new courses during the academic year 2021-22 enclosed as Annexure-I.

Agenda 8.7: Discussion on the percentage of the syllabus revision has done in the B. Tech (EEE) & M. Tech (PED) programs and ratification of the same.

The syllabus revisions done in B. Tech (EEE) & M. Tech (PED) programs based on the Stakeholders feedback on curriculum. The BOS members have approved all the syllabus revisions in B. Tech (EEE) & M. Tech (PED) programs. The list of courses revised during the academic year 2021-2022 is enclosed as Annexure-II.

Agenda 8.8: Discussion on the courses having focus on employability/ entrepreneurship/ skill development in the program of B. Tech (EEE) & M. Tech (PED) programs and ratification of the same.

The members of BOS ratified the courses having focus on employability/entrepreneurship/skill development in the B. Tech (EEE) & M. Tech (PED) programs.

Agenda 8.9: Discussion on the B. Tech (EEE) & M. Tech (PED) programs in which Choice Based Credit System (CBCS)/elective course system is being implemented and ratification of the same.

Members of BOS ratified the choice based credit systems (CBCS)/elective course system that is being implemented in B. Tech (EEE) & M. Tech (PED) programs.

Agenda 8.10: Analysis of Stakeholder's Feedback on Curriculum

The BOS Chairperson presented the analysis report of Stakeholder's feedback on curriculum. The BOS members noted the same and the Action Taken Report is enclosed as Annexure-III.

Agenda 8.11: Analysis of Results of the odd semester of the academic year 2021-22.

The BOS Chairperson presented the odd semesters pass percentage for the A. Y. 2021-2022. The BOS members noted the same.

Agenda 8.12: Analysis of students feedback in the odd semester of the academic year 2021-22

BOS Chairperson expressed that the student feedback in academic year 2021-2022 for odd semester. The BOS members noted the same

Agenda 8.13: Any other items with the approval of Chairperson.

- Dr. M. Nageswara Rao suggested to prescribe relevant books for the new courses.
- Mr. M. Veera Suresh suggested to have relevant weblinks for all the courses.
- Dr. K Siva Kumar suggested to have remedial classes for the poor performers.
- Mr. N Siva Prasad suggested to frame syllabus with more emphasis on present practical requirement in the industry.
- Mr. N Siva Prasad suggested to use MAX DNA in place of PLC as per the present requirement of the industry.

Agenda 8.14: Scheduling of next Board of Studies meeting.

- The next BOS meeting is tentatively scheduled in the month of December 2022.

Agenda 8.15: Vote of Thanks

Dr. V. Srinivasa Rao, BOS Chairperson presented the Vote of thanks.


BOS Chairperson
HoD-EEE

Head of The Department
Dept: Of Electrical & Electronics Engineering
Engineering College (A9)