



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Department of Electronics and Communication Engineering

Date: 08-10-2021

Minutes of the VII meeting of BOS scheduled on 07-10-2021

The VII meeting of the BOS of ECE was held virtually on 07-10-2021 at 9.30 AM through Microsoft Teams.

Agenda 7.1: Welcome address by Chairperson.

Dr. G. Sridevi, BOS Chairperson invited the distinguished members of BOS to the VII BOS Meeting.

Agenda 7.2: Ratification of minutes of the previous Board of Studies meeting

The BOS members have ratified the points discussed in the previous Board of Studies meeting held on 10/10/2020.

Agenda 7.3: Discussion and ratification of the Vision and Mission of the department and Program Educational Objectives (PEOs), Program Outcomes (POs) and Program Specific Outcomes(PSOs) of the Programs under the Department.

Members of BOS ratified the Vision and Mission of the department, PEOs, POs and PSOs of the Programs under the Department.

Agenda 7.4: Discussion on proposed AR19 B.Tech (ECE) VI, VII and VIII semesters syllabus and ratification of the same.

The BOS members approved the AR19 B.Tech (ECE) VI, VII and VIII semesters syllabus after incorporating the following changes in the proposed syllabi.

- Suggested to include Industrial IoT concepts in the Internet of Things course of VI semester.
- Suggested to include current advancements as augmented experiments in IoT laboratory course of VI semester.
- Suggested to include some of the Nano Electronics concepts in VLSI course of VI semester.
- Suggested to make “Modern VLSI Design: System-on-Chip Design, Wolf Wayne” as a text book instead of reference book.
- Suggested to include counters / registers based experiments in VLSI laboratory course of VI semester.
- Suggested to include Cryptography concepts like error control coding, RS, DES and AES algorithms in Information Theory and Coding course (Professional Elective –II) of VI semester.

- Suggested to remove MTI Radar and concentrate more on Range Gated Doppler Radar in UNIT-II of Radar Systems course in VI semester.
- Suggested to reframe the syllabus contents of Embedded C course (Professional Elective –III) in VI semester.
- Suggested to include overview of evolutionary techniques for testing in Design for Testability course (Professional Elective –III) of VI semester.
- Suggested to frame the syllabus of Signal Transform Techniques course of VI semester in an application oriented approach as it seems to be mathematical course.
- Suggested to include power link budgeting concept and frame the syllabus in a qualitative approach for Microwave and Optical Communication course in VII semester.

Agenda 7.5: Discussion on proposed AR20 B.Tech (ECE) Program Structure and ratification of the same.

After long discussions with the BOS members on the proposed AR20 program structure has been ratified.

Agenda 7.6: Discussion on proposed AR20 B.Tech (ECE) III & IV semesters syllabus and ratification of the same.

The BOS members approved the AR20 B.Tech (ECE) III & IV semesters syllabus after making the following changes in the proposed AR20 B.Tech (ECE) program.

- Suggested to conduct the Signals and Systems laboratory course using Python as software tool in III semester.
- Suggested to include experiments like LTI system stability verification in Signals and Systems laboratory course of III semester.
- Suggested to include kit design experiments in PCB Designing course (skill Oriented course – II) of IV semester.

Agenda7.7: Discussion on proposed AR20 Honor degree courses and ratification of the same.

After long discussions with the BOS members on the proposed list of courses offered to obtain Honor degree in ECE under AR20 B.Tech Regulation and the following suggestions are made:

- Suggested to frame a course with Advanced Modulation techniques and coding techniques instead of optical Networks in IV semester of Honor Degree program structure.

Agenda7.8: Discussion on proposed AR20 Minor Degree Courses syllabus and ratification of the same.

After long discussions with the BOS members on the proposed list of courses offered to obtain Minor degree in ECE under AR20 B.Tech Regulation and the following suggestions are made: '

- Suggested to frame the syllabus of Open Elective courses and Minor Degree courses in a qualitative approach.

- Suggested to give different the course names for Open Elective courses and Minor Degree courses to avoid ambiguity at the time examination conduction.

Agenda 7.9: 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.

- Artificial Intelligence
- Machine Learning

Agenda 7.10: Analysis of Results.

The BOS Chairperson presented the odd and even semesters pass percentage for the A. Y. 2020-2021. The BOS members noted the same.

Agenda 7.11: Analysis of student feedback & action taken report

BOS Chairperson expressed that the student feedback& action taken report process was initiated at end of each semester. The BOS members noted the same.

Agenda 7.12: Any other items with the approval of Chairperson.

- BOS members expressed that in VII semester of AR20, the number of courses can be reduced so that, the student can prepare for the competitive exams and placement related activities.
- BOS members expressed that the web links provided at the end of every course must include the content of that particular link, so that if the course link changes also people can identify by searching that content.

Agenda 7.13: Scheduling of next Board of Studies meeting.

The next BOS meeting is tentatively scheduled in the month of May or June 2022.

Agenda 7.14: Vote of Thanks

Dr. G. Sridevi, BOS Chairperson presented the Vote of thanks.



BOS Chairperson
Head of the Department
Department of E.C.E.
Aditya Engineering College (A9)