



Minutes of the Meeting
VASAVI COLLEGE OF ENGINEERING
(Autonomous)

9-5-81, Ibrahimbagh, Hyderabad-500031, Telangana, India

(Sponsored by Vasavi Academy of Education)

Phone: +91-40-23146003 Fax: +91-40-23146090, +91-40-23146080

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 18.8.2020

Minutes of the 11th meeting of Board of Studies in Electronics and Communication Engineering held on 29.7.2020 (Wednesday) in **ONLINE mode** at 2.00 p.m.

Members Present:

- | | |
|---|--|
| 1. Dr. E. Sreenivasa Rao, Prof. & Head | : Chairman, BoS |
| 2. Dr. L. Nirmala Devi,
Associate Professor, Osmania University, Hyderabad | : Osmania University
Nominee & Member |
| 3. Dr. N. Bheema Rao
Professor, ECE Department, NIT – Warangal
(Subject Expert) | : Member |
| 4. Dr. Sumohana S. Channappayya
Associate Professor, IIT – Hyderabad
(Subject Expert) | : Member |
| 5. Dr. D. Ranganadham
Deputy Director General, Doordarshan Kendra, Vijayawada
(Industry Representative) | : Member |
| 6. Dr. Veeresh Babu Vulligaddala
Manager - Analog Design,
AMS Semiconductors India Pvt. Ltd., Hyderabad.
(Industry Representative) | : Member |
| 7. Sri. J. Sunil
CEO, Vaaluka Solutions Pvt. Ltd., Hyderabad.
(Industry Representative) | : Member |
| 8. Sri. T. Srisailam
Application Engineer,
Keysight Technologies, Hyderabad.
(Alumnus) | : Member |
| 9. Sri. Thati Rahul
Senior Systems Design Engineer,
Xilinx India Technologies Pvt. Ltd., Hyderabad.
(Alumnus) | : Member |
| 10. Prof. K. Veera Swamy, Professor, Dept of ECE, VCE. | : Member |
| 11. Prof. N.S. Murthy, Professor, Dept of ECE, VCE. | : Member |
| 12. Prof. K. Deergha Rao, Professor, Dept of ECE, VCE. | : Member |
| 13. Ms. G.R. Padmini, Associate Professor, Dept of ECE, VCE. | : Member |
| 14. Dr. N.S.S. Reddy, Associate Professor, Dept of ECE, VCE. | : Member |

15.	Ms. A. Sri Lakshmi, Associate Professor, Dept of ECE, VCE.	: Member
16.	Dr. D.M.K. Chaitanya, Associate Professor, Dept of ECE, VCE.	: Member
17.	Mr. M. Prashanth, Assistant Professor, Dept of ECE, VCE.	: Member
18.	Ms. R. Leelavathi, Assistant Professor, Dept of ECE, VCE.	: Member
19.	Mrs. V. Aruna, Assistant Professor, Dept of ECE, VCE.	: Member
20.	Mrs. S. Aruna Deepthi, Assistant Professor, Dept of ECE, VCE.	: Member
21.	Mrs. S. Afroz Begum, Assistant Professor, Dept of ECE, VCE.	: Member
22.	Mr. V. Krishna Mohan, Assistant Professor, Dept of ECE, VCE.	: Member
23.	Mrs. Vibha D.K, Assistant Professor, Dept of ECE, VCE.	: Member
24.	Mrs. Ch. Neethu, Assistant Professor, Dept of ECE, VCE.	: Member
25.	Mrs. K. Deepti, Assistant Professor, Dept of ECE, VCE.	: Member
26.	Mr. N. Abid Ali Khan, Assistant Professor, Dept of ECE, VCE.	: Member
27.	Mr. R. Goutham, Assistant Professor, Dept of ECE, VCE.	: Member
28.	Mrs. K.R. Deepthi, Assistant Professor, Dept of ECE, VCE.	: Member
29.	Mr. K. Rama Krishna Reddy, Assistant Professor, Dept of ECE, VCE.	: Member
30.	Mr. M. Ramanjaneyulu, Assistant Professor, Dept of ECE, VCE.	: Member
31.	Mr. B. Uma Mahesh Babu, Assistant Professor, Dept of ECE, VCE.	: Member
32.	Mr. O Rajesh, Assistant Professor, Dept of ECE, VCE.	: Member

The following members of Board of Studies could not attend the meeting.

1. Sri. Venkateswara Rao Somarouthu, Director, AMD Hyderabad.
2. Dr. M. Satyam, Adjunct Professor, Dept of ECE, VCE.

Dr. E. Sreenivasa Rao, Chairman BoS presided over the meeting. The following items were taken up for discussion and consideration.

1. Welcoming the members.

Chairman welcomed and introduced the members of newly constituted 4th BoS committee to the faculty members of ECE department.

2. Confirmation of the minutes of 10th BoS meeting held on 22.2.2020.

The minutes of the 10th meeting of the Board of Studies held on 22.2.2020 were read and confirmed.

3. Note on the department achievements.

Chairman presented the achievements of the department for the academic year 2019-20.

4. a. Review and approve the scheme of instruction & examination for B.E – I to VIII Semesters (R-20).

The Chairman presented to the members the scheme of instruction & examination for B.E (ECE) Programme to be offered by the Department of ECE from the academic year 2020-21 (R-20). Members suggested the following.

Name of the member(s)	Suggestion(s) given
Prof. N. Bheema Rao and Dr. Nirmala Devi	Suggested to change the name of Sensors and Systems Lab as Control Systems Engineering Lab.
Prof. Bheem Rao	<ul style="list-style-type: none"> He suggested that Electronic Instrumentation professional elective course is not appropriate in Embedded Systems and VLSI professional elective stream and suggested to replace it with appropriate elective course. After discussions, Chairman suggested VLSI Physical Design Course in place of Electronic Instrumentation. He suggested that it is better to introduce Data Structures course for ECE students as it is very important course from the point of placement opportunities and higher studies. In this connection, Chairman informed that Data Structures course is offered to ECE students as Open Elective course by CSE / IT departments.
Dr. D. Ranganadham	Instead of having NATL and EM Theory courses in III semester, he suggested to shift EM Theory course from III semester to IV semester.
Mr. J. Sunil	He told that lateral entry students are missing the important OOPS concepts for lateral students and suggested to include as a bridge course in the III - semester.
Mr. T. Srisailam	Suggested to give exposure to the students on industry standard test and measurement equipment. In this connection, Chairman explained that ECE department in association with National Instruments are offering training programmes to the faculty and students on test and measurement equipment.
Mr. T. Rahul	Suggested to introduce the topic of PCI express bus interface and protocols in embedded systems course as most of the embedded systems industries are working on this topic.

After deliberations, the Board of Studies approved the suggestions given by the members

b. Review and approve the scheme of instruction & examination for B.E ECE Honours Degree Program in System on Chip Design.

The Chairman presented to the members the eligibility criteria, scheme of instruction & examination for the proposed B.E (Honours) Programme to be offered by the Department of ECE from the academic year 2020-21. He explained the members that the students opting for Honours degree programme should acquire additional credits of 18 to 20 as prescribed by AICTE and mainly consists of the following components.

1. Theory cum laboratory courses
2. MOOCs courses related to system on chip design
3. Minor project

Members welcomed and appreciated the introduction of B.E Honours degree programme in System on Chip Design and approved the same.

c. Review and approve syllabi for I and II semester courses

After review, the BoS has approved the syllabi of I and II semester courses for R – 20 regulation.

5. Review and approve the scheme of instruction & examination and syllabi for B.E – III & IV Semesters (R-19).

The Chairman then presented to the members the scheme of instruction & examination and syllabi for B.E – III & IV Semesters of R-19 regulation. After review, the BoS has approved the same.

6. To review the scheme of instruction & examination and syllabi for B.E – V & VI Semesters (R-18).

The Chairman presented to the members the scheme of instruction & examination and syllabi for B.E – V & VI Semesters of R-18 regulation. After review, the BoS has approved the same.

7. To review the scheme of instruction & examination and syllabi for B.E – VII & VIII Semesters (R-17).

The Chairman presented to the members the scheme of instruction & examination and syllabi for B.E – VII & VIII Semesters of R-17 regulation. After review, the BoS has approved the same.

8. To review the scheme of instruction & examination and syllabi for M.E (ES&VLSID) I to IV Semesters (R-20).

The Chairman presented to the members the scheme of instruction & examination for M.E (ES&VLSID) I to IV semesters from the academic year 2020-21 of R-20 regulation. After presentation, members suggested the following.

Name of the member(s)	Suggestion(s) given
Prof. N. Bheema Rao and Dr. Nirmala Devi	To enhance and strengthen the experiential learning, they suggested to increase credit weightage from 1.5 to 2 for all the PG laboratory courses.
Prof. N. Bheema Rao	Suggested to replace the professional electives MEMS, Integrated Optics and Photonics Systems with more relevant courses. After discussions, Chairman suggested Design and Verification using System Verilog, Static Timing Analysis courses in place of the above.

After deliberations, the Board of Studies approved the suggestions given by the members

9. To review the scheme of instruction & examination and syllabi for M.E (CE&SP) I to IV Semesters (R-20).

The Chairman presented to the members the scheme of instruction & examination for M.E (CE&SP) I to IV semesters from the academic year 2020-21 of R-20 regulation. Members suggested the following.

Name of the member(s)	Suggestion(s) given
Prof. N. Bheema Rao and Dr. Nirmala Devi	To enhance the experiential learning, suggested to increase credit weightage from 1.5 to 2 for all the PG laboratory courses.

After deliberations, the Board of Studies approved the suggestions given by the members

10. a. Review and approve the Open Electives to be offered to B.E. – III & V Semesters students for the academic year 2020-21.

The Chairman presented to the members the Open Electives to be offered by ECE department to B.E. – III & V Semesters students for the academic year 2020-21. After review, the BoS has approved.

b. Review and approve the Professional Electives to be offered to B.E. - VII & VIII Semesters students for the academic year 2020-21 (R-17).

The Chairman presented to the members the Professional Electives to be offered to B.E. - VII & VIII Semesters students for the academic year 2020-21 (R-17). After review, the BoS has approved the same.

c. Review and approve the Open Electives to be offered to M.E. - III Semester students for the academic year 2020-21.

The Chairman presented to the members the Open Electives to be offered to M.E. - III Semester students for the academic year 2020-21. After review, the BoS has approved the same.


d. Review and approve the Professional Electives to be offered to M.E. - I to III Semesters students for the academic year 2020-21.

The Chairman presented to the members Professional Electives to be offered to M.E. - I to III Semesters students for the academic year 2020-21. After review, the BoS has approved the same.

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

- Chairman informed to the members about conducting some of the laboratories in online / offline mode in association with National Instruments, Mathworks, Vaaluka Solutions, CoreEL Technologies, Entipule Technologies, Synergy Measurement Technologies.
- Chairman informed to all the members that draft minutes of the meeting will be prepared and shared with the members through the e-mail.
- It has been resolved that chairman will be signing all the schemes of instruction and syllabi of UG & PG programmes, discussed in the meeting, indicating the approval of BoS.

The meeting concluded with a vote of thanks to the Chair.


(Dr. E. SREENIVASA RAO)
Chairman, BoS - E.C.E

Circulation to all the members through e-mail,
Copy to the Principal.
Copy to the file.