

MALLA REDDY ENGINEERING COLLEGE (Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100.

Department of Electronics and Communication Engineering

Minutes of Meeting B. Tech (ECE) - BOS

June 21, 2019

The 11th Board of Studies meeting for the B. Tech (ECE) - BOS was conducted on 21st June 2019 at 11:30 a.m. in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following BOS members have attended the meeting:

1. Dr. S Sudhakara Reddy	Principal, MREC(A)	Special Invitee
2. Dr. S. Madhu Babu	Chairman-BOS, Assoc. Professor, ECED, MREC(A)	Chairman-BOS
3. Dr. D. Srinivasa Rao	Professor & Director, Academic & Planning, ECED, JNTUHCEH, Hyderabad	University Nominee
4. Dr. B. Rajendra Naik	Professor, ECED, OU, Hyderabad	Subject Expert
5. Dr. J. Ravi Kumar	Professor, ECED, NITW	Subject Expert
6. Mr. K. Raghavendra	Sr. Manager, A&T, HAL, Hyderabad	Industry Expert
7. Dr. T. Swapna	Professor, ECED, MREC(A)	Faculty Member
8. Dr. T Srinivasa Reddy	Assoc. Professor, ECED, MREC(A)	Faculty Member
9. Dr. N. Subbu Lakshmi	Assoc. Professor, ECED, MREC(A)	Faculty Member
10. Mrs. C Silpa	Assoc. Professor, ECED, MREC(A)	Faculty Member
11. Mr. J. Sunil Kumar	Asst. Professor, ECED, MREC(A)	Faculty Member
12. Mr. B. Shiva Kumar	Hardware Application Engineer. Unistring Tech Solutions	Alumni

The following was the agenda for the meeting.

1. Discussion and review of B. Tech (ECE) MR18 regulations course schema and syllabus.
2. Suggestion and review of panel for Paper setters, Valuers, and examiners for both theory and practical examinations that will be submit for Academic council for approval.
3. Suggestion and approval of open source softwares'
4. Suggestion and approval of list of additional topics beyond the syllabus approved in the BOS and Academic council, to be covered in the class room for both theory and practical courses, that can be taught in about 3 to 5 hours / semester / course.
5. Suggest methodologies for innovative teaching and evaluation techniques;
6. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
7. Delegation of power to the Chairman-BoS for inclusion and exclusion of any item as per requirements.

- Approval of any other item with the permission of the Chairman.

At the outset, Dr. S. Madhu Babu, Assoc. Professor, ECE Department and Chairman of the B. Tech (ECE) - Board of Studies, welcomed the members to the Board of Studies meeting and appraised the purpose of the meeting. He also briefed about the previous BOS meeting, resolutions and placed on record, the existing syllabus of MR 18 regulations and also proposed modifications for MR19 regulations syllabus (Batches admitted from 2019-20 onwards). Later Board of studies members have in detail discussed, reviewed each item of the proposed agenda and finally the following items have been resolved unanimously by all the members of BOS for their implementation from the academic year 2019-20 and onwards.

The following resolutions are made after careful discussion and observations.

- The BOS Members have thoroughly reviewed and discussed the Scheme of instructions, periods per week, and number of credits for all 4 years of B. Tech (ECE) course as per the guide lines of the AICTE and JNTUH, Hyderabad. The BOS has collectively resolved to implement this scheme of Instructions, periods per week and number of credits for all 4 years of B. Tech (ECE) Course from the academic year 2017-18 onwards.
- After formulation of scheme of Instructions, the BOS has reviewed and devised the syllabus for B. Tech (ECE) Course as per the guide lines of the AICTE and JNTUH, Hyderabad.
- The BOS Members unanimously approved to use the following Open Source software for execution of programmes in the respective laboratories.

S. No.	Lab Name	Software Required
1	Analog Electronics	TINA /Multisim /Any Equivalent Open Source Software
2	Signals and Stochastic Process Lab	MATLAB/Octave/Any Equivalent open Source Software
3	Analog and Digital communications Lab	Octave/Any equivalent open source software
4	Micro Processors and Micro Controllers lab	MASM,KEIL & Flash Magic/ Any equivalent open source software
5	Digital Signal Processing Lab	MATLAB/Octave/Any Equivalent Open Source Software
6	VLSI Design Lab	Cadence/Xilinx/Any Equivalent Open Source Software
7	Digital Image Processing Lab	MATLAB/ Octave/ Any Equivalent Open Source Software
8	Computer Networks Lab	Packet tracer/NS-2& NS-3/ Wireshark/ Any Equivalent Open Source Software

- The BOS members have agreed to suggest a panel for paper setters and valuers / examiners for both theory and practical of all the subjects of B. Tech (ECE) Course.

5. The BOS has also resolved for delegation of power to the Chairman of BOS for inclusion / exclusion / modification of any of the above item as per the requirements.

The following suggestions were made by the members of the Board of studies.

1.

Finally, Dr. S. Madhu Babu, Assoc. Professor, ECE Department and Chairman of the B. Tech (ECE) - Board of Studies, expressed his sincere thanks to all the members of the Board of Studies for their active participation and contribution. The meeting concluded at 1:30 p.m.

1. Committee has suggested Based on the content of the syllabus the title of the course (Mathematics-I & Mathematics-II) must be changed.
2. Committee has suggested Electronics Workshop Instead of Engineering Workshop.
3. Committee has instructed Tuned amplifier need to be included in Analog Electronics.
4. Scripting Languages subject has to include instead of Biomedical Instrumentation
5. Digital Image Processing Lab need to be done with Python and the Raspberry Boards.
6. Committee is suggested some of the professional electives to be replaced
Software Defined Radio
Network Security and Cryptography
Low Power VLSI
Optimization Techniques

Randhawa
21/06/17.

Dr. S. Madhu Babu
21/06/2017

SMB
Dr. S. Madhu Babu
Chairman, B.Tech (ECE) - BOS

7/11/17
21/6/17
c. siles

Jh
21/6/17.

Dr. S. Madhu Babu
SMB

B. Suresh