

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

28th June 2017

The 8th Board of Studies meeting for the B. Tech (ECE) - BOS was conducted on 28th June 2017 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. Kesavan Gopal	Chairman-BOS, Professor, ECED, MREC(A)	Chairman-BOS
3. Dr. B N Bhandari	Professor & Director, Academic & Planning, ECED, JNTUHCEH, Hyderabad	University Nominee
4. Mrs. N Mangala Gouri	Assoc. Professor, ECED, JNTUHCEH, Hyderabad	Subject Expert
5. Dr. D Krishna Reddy	Professor, ECED, CBIT, Hyderabad	Subject Expert
6. Dr. G Mallikarjun Rao	Scientist F, RCI	Industry Expert
7. Dr. S Madhubabu	Assoc. Professor, ECED, MREC(A)	Faculty Member
8. Dr. G S K Gayatri Devi	Asst. Professor, ECED, MREC(A)	Faculty Member
9. Mrs. C Silpa	Assoc. Professor, ECED, MREC(A)	Faculty Member
10. Mrs. P S Indrani	Assoc. Professor, ECED, MREC(A)	Faculty Member
11. Mr. C Sai Bhaskar Raju	Associate Software Engineer, Prolifics, Hyderabad	Alumni

The following was the agenda for the meeting.

1. Discussion and approval of the scheme and Syllabus of B. Tech (ECE) (CBCS) for MR17 Regulations (for Batches starting from Academic Year 2017-18 onwards).
2. Suggestion and approval of Open Source Softwares for suitable lab experiments.
3. Suggestion and approval of panel for Paper setters, Valuers for both theory and practical examinations.
4. Delegation of power to the Chairman, BOS for inclusion and exclusion of any item as per the requirements.
5. Approval of any other item with the permission of the Chairman.

At the outset, Dr. Kesavan Gopal, 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 15 regulations and also proposed modifications for MR17 regulations syllabus (Batches admitted from 2017-18 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 2017-18 and onwards.

The following resolutions are made after careful discussion and observations.

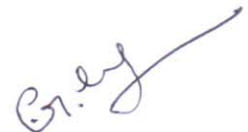
1. The BOS Members have thoroughly reviewed and discussed the Scheme of instructions, periods per week, and number of credits for all 4 years of B. Tech (ECE) course as per the guide lines of the AICTE and JNTUH, Hyderabad. The BOS has collectively resolved to implement this scheme of Instructions, periods per week and number of credits for all 4 years of B. Tech (ECE) Course from the academic year 2017-18 onwards.
2. 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.
3. The BOS Members unanimously approved to use the following Open Source software for execution of programmes in the respective laboratories.
(Mention names of the open source software)
4. 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. The syllabus for BEEE course should be comprised of ECE and EEE topics (two and a half modules each), and must be taught by both ECE and EEE faculty.
2. Mathematics subjects to be renamed as M-I, M-II, M-III and so on.
3. Subject "Digital Electronics" can be renamed as "Switching Theory and Logic Design". Kohavi has to be included as the main reference book.
4. Subject "Principles of Electrical Engineering" may be renamed and be made available for Mechanical Engineering and Civil Engineering.
5. Subject "Special Functions and Complex Analysis" has to be renamed as "Special Functions and Complex Variables".
6. The syllabus for CO may be reduced and merged with OS, so that OS is not an open elective.
7. Subject title "Engineering Economics and Accountancy" is not appropriate and shall be renamed as "Principles of Economics and Accountancy ____" (or MEFA??)
8. "Analog Communication" and "Digital Communication" should be in consecutive semesters - semester IV and semester V. Accordingly, other subjects like CO and CS may be shuffled.
9. Laboratory courses using trainer kits (like AC, DC and MPMC) need not be in the same semester as the respective theory subjects.
10. "Cellular Mobile Communication" and "Computer Networks" should be made as core subjects.
11. Tutorial credits are not required for "Management Fundamentals".

12. Three subjects from three different areas may be offered as Professional Electives.
13. CS and ESD??
14. The topic “Resonance” could be included along with “Two Port Networks” in either BEEE or PEE.
15. The word “review” should be omitted from the syllabus of all courses.
16. Credits for Project may be increased and credits for Professional Electives may be decreased. (Minor Project – 3, Major Project – 12, PE-V – 3)
17. “Satellite Communication” can be merged with either “Optical Communications” or “Radar Systems”.
18. “Data Compression Techniques” may be renamed _____??
19. In the title “Electronic Circuit and Analysis” for both theory and lab, the word “and” is to be removed.
20. “Digital System Design” and “Satellite Communications” may be introduced instead of “ASIC” and “CAD” respectively.
21. It was recommended to include a subject related to electrical engineering – Electrical Technology or Network Theory.
22. The credits for Basic Sciences subjects, Humanities and Sciences subjects and Project-related courses should be altered according to the recommended weightages.
23. The syllabus for subjects with course codes 70423 and 70425 needs to be verified.

Finally, Dr. Kesavan Gopal, 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.



Dr. Kesavan Gopal
Chairman, B.Tech (ECE) - BOS