



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

(Sponsored by CMR Educational Society)
Recognized under 2(f) and 12 (B) of UGC ACT 1956



(Affiliated to JNTUH, Hyderabad, Approved by AICTE- Accredited by NBA & NAAC- 'A' Grade - ISO 9001:2015 Certified)

June 24, 2020

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BOS MEETING

I. AGENDA

1. Discuss the guidelines for the Autonomous Colleges during XII Plan period 2012-17 published by UGC, New Delhi and AICTE Model Curriculum 2018.
2. Composition of BOS-EEE
3. Discuss the Curriculum Structure and detailed Syllabus of First Year B.Tech Program
4. Discuss the curriculum structure of II, III and IV B.Tech Program and detailed Syllabus of II B.Tech Program.

II. LIST OF MEMBERS ATTENDED THROUGH ONLINE

S.No	Name of the Member	Designation	Responsibility	Signature
1.	Mrs. M Sharanya	Assoc Professor & Head	Chairman	
2.	Prof K Subhas	Director	Member	
3.	Dr A.Raghu Ram JNTUH Nominee	Professor & HoD Dept. of EEE, JNTUCEH	Member	
4.	Dr Srinivas Academic Council Nominee	Professor Dept. Of EEE, MRIET	Member	
5.	Mr Rajender Kamble Industry Nominee	AE, TSSPDCL, Hyderabad	Member	
6.	Dr S Srinivasa Rao	Professor & Head, Dept. of ECE, MRCET	Member	
7.	Dr N Kamalamoorthy	Professor, MRCET	Member	
8.	Mr N Ramesh	Asst. Professor, MRCET	Member	
9.	Mr PSK Karimulla	Asst. Professor, MRCET	Member	
10.	Mr O Saidulu Reddy	Asst. Professor, MRCET	Member	

MRCET

Introductory remarks and presentation:

- Dr. VSK Reddy has welcomed the members of the board of studies for its first meeting pertaining to the review of R-20 EEE course. He has given a briefing on the college, its academics, and achievements and about the EEE course.
- Prof. M. Sharanya has introduced the other faculty members to the external Board members and outlined the methodology of the preparation of the course structure and the syllabus.
- Prof. M. Sharanya has made a presentation covering the following.
 - Course structure for all the Four years with year /semester wise break up, details of credits, laboratory classes, tutorials etc.
 - Syllabus of subjects of I and II years
 - Percentage wise distribution of subjects among Core engineering, Inter disciplinary engineering and Humanities & Sciences.

After a detailed review, discussion and getting all the required clarifications the Board has given the following recommendations:

- Dr. Raghuram suggested shifting the topic "Introduction to Magnetic Circuits" present in Electrical machines - I in to Electrical Circuit Analysis subject.
 - *Accepted and will be implemented*
- Dr Srinivas indicated that starting methods of induction motors in electrical machines -II should be included.
 - *Accepted and will be implemented*
- Dr. Raghuram wanted us to ensure that for all the elective subjects the required basic background has been touched upon in the earlier syllabus/subjects. For e.g. Power system stability concepts should have been covered in the related subjects earlier.
 - *Mostly, this aspect has been taken care of. However it will be reviewed again and implemented.*
- Dr. Raghuram suggested allocating one or two subjects in Semester IV-II, involving the students for both theory and main project during the final semester.
 - *Prof. K.Subhas explained that, based on the spectrum of industrial (aspects to change as Inputs) and the aspirations of students with regard to their creative nature and innovation, students must be identified for hands on training through real-time projects. In accordance with the guidance obtained from T-HUB and MSME, we have recommended that IV-II students should entirely focus on novel ideas and ventures. According to Dr. Raghuram 's recommendations, we will also schedule students to engage on campus for a minimum of 3 days per week and make them use of the Start Up and TBI campus under the supervision of their respective project guides. All the members of the Board of Studies have approved after our explanation.*

- Dr. Raghuram suggested that in Power Systems subject "over voltage phenomenon and control techniques" topic to be included.
 - *Accepted and will be implemented*
- Mr. Rajender Kamble, Suggested to undertake industrial visits to Power Plants, Substations, etc. to obtain more realistic information and representation of High-Power Equipment and its operation.
- *Prof. Sharanya explained that, at the moment in our practice, industrial visits are planned and carried out when the respective subjects are underway, for example. During the Power System – I subjects we have taken our students to the Srisailem Hydro Power Plant and the 33kV/11kV substation, Vijayawada NTTPS.*
- Finally, Prof. M. Sharanya concluded that she acknowledged the recommendations of members of the Board of Studies and promised that those suggestions would be incorporated.
- *Prof. K. Subhas* has given the vote of thanks and has thanked all the members of the BOS for their valuable feedback and suggestions on the R20 course structure.

Mrs. M. Sharanya
Chairman, BoS