

MALLA REDDY ENGINEERING COLLEGE (*Autonomous*)

Maisammaguda, Dulapally, Secunderabad-500014

Electrical & Electronics Engineering Department

Members of the Board of Studies of Electrical & Electronics Engineering Department of Malla Reddy Engineering College (Autonomous) present during the meeting held on 17-09-2011.

S.No	Name	Designation
1	Prof. A.N. Sarma	Chairman (HOD, EEE, MREC)
2	Prof. R. Somanatham	Principal, MREC (Special Invitee)
3	Prof. R. Madan Mohan	Prof. & Director (Academics), MRGI (Member)
4	Prof. C. Lakshminarayana	Prof. Elec. Engg (Member)
5	Prof. J. Praveen	Prof. Elec. Engg (Member)
6	Mr. D. Venkata Ramana	Assoc.Prof. Elec. Engg (Member)
7	Mrs. J. Bhavani	Assoc.Prof. Elec. Engg (Member)
8	Dr. G.N. Srinivas	Assoc. Prof. (Elec. Engg.) College of Engg.JNTUH,Member(Univ.Nominee)
9	Dr. T. Purnachandra Rao	Professor(Rtd), NIT, Warangal, Member(Subject Expert)
10	Dr. P.V.N Prasad	Prof. Elec. Engg. Dept., OU Member(Subject Expert)
11	Dr. B.P. Singh	Gen. Manager(Rtd), BHEL(R&D),Hyderabad.Member(from the industry)

Proceedings and the Recommendations of the BOS (EEE) meeting held on 17th, September
2011 from 2:00 PM to 4:15 PM

I 1st year B.Tech Program of EEE

1. The members observed that the syllabus in Mathematics-I subject is very exhaustive and the number of failures in this subject is found to be on the higher side. The committee recommended that the BOS (Mathematics) committee is to be requested to review the existing syllabus and incorporate the necessary changes in the syllabus wherever required.
2. The syllabus of Engineering Drawing is oriented more towards Mechanical Engineering. One unit of Electrical Circuits drawing is recommended for inclusion with corresponding reduction in Mechanical drawing content after review of the existing syllabus. The BOS (Mechanical Engineering) is to be advised accordingly.
3. There is no subject pertaining to Electrical Engineering in the existing first year curriculum. Since Engineering Chemistry in the existing course structure is of little significance for EEE students the committee has suggested deletion of Engineering Chemistry from the course structure and inclusion of an Electrical Engineering subject preferably Electrical Circuits in its place. The BOS (Chemistry) committee is to examine the above and take a suitable decision.
4. The assignments given to the First year students more emphasis should be laid on problem solving rather than theoretical aspects.
5. Following corrections are to be incorporated in the academic regulations
 - a) Para 9: The remarks column is to be amended as under:
“Students should get 200 credits for the award of B.Tech degree and class awarded from the aggregate marks”.
 - b) Para 12: The word “hers” is to be deleted.
 - c) Academic regulations broacher is to be numbered.
6. The committee has authorized the chairman to select the panel of examiners for paper setting and evaluation for each subject for I year B.Tech course.

A copy of the course structure for the first B.Tech EEE program is placed at annexure-1.

II M.Tech (Control Systems):

The existing course structure and syllabus of JNTU Hyderabad was reviewed and following revisions are suggested.

Revisions in Course Structure - Semester-I:

1. **“Advanced Engineering Mathematics”** subject is to be included in the group of compulsory subjects in the first semester instead of **“State and Parameter Estimation Theory”** which is to be offered in Elective-1.
2. The number of subjects offered in Elective-1 and Elective-2 is to be revised to 3 from 2 as under

Elective-1:

1. Programmable Logic Controllers & Applications
2. Advanced Instrumentation System
3. State and Parameter Estimation Theory

Elective-2:

1. Embedded Systems
 2. Robot Modeling and Control (Newly Included)
 3. DSP Processor Architecture & Applications (Newly Included)
3. In the course structure of first semester the number of lecture hours for seminar-1 is to be indicated as 3.

Revisions in Course Structure - Semester-II:

1. **“Advanced Digital Signal Processing”** is to be included in the group of compulsory subjects in the place of **“Control System Design”** which is to be offered as an Elective-3
2. The subjects now offered in Elective-3 and Elective-4 are to be revised to 3 from 2 as under

Elective-3:

1. Computer Aided VLSI Design (New Subject)
2. Control System Design
3. Distributed Control Systems

Elective-4:

1. Real Time Systems (New Subject)
2. Intelligent and Knowledge based System (New Subject)
3. Non-linear Systems (New Subject)

- The number of credits in each of the four semesters is to be revised to 20 each from 22 without changing the course content. Thus the total numbers of credits for completing the M.Tech program becomes 80 instead of 88 with the following revisions.
- For seminar-1 and seminar-2 in first and second semesters only internal assessment is suggested and no credits are assigned.
 - The number of credits for Project work in 3rd semester is to be revised to 16 instead of 18.
 - The number of credits for Final Project work and seminar in 4th semester is to be revised to 20 instead of 22.
 - Code numbers are to be assigned for all the subjects.
 - The course structure is to be indicated as I semester, II semester, III semester and IV semester instead of referring as 1st year and 2nd year.

The course structure with the revisions as suggested above is placed at annexure-2

III M.Tech (Control Engineering):

The existing course structure and syllabus of JNTU Hyderabad was reviewed and following revisions are suggested.

1. The number of credits in each of the four semesters is to be revised to 20 each from 22 without changing the course content. Thus the total numbers of credits for completing the M.Tech program becomes 80 instead of 88 with the following revisions
2. For seminar-1 and seminar-2 in first and second semesters only internal assessment is suggested and no credits are assigned.
3. In the first and second semesters the number of lecture hours for seminar-1 and seminar-2 is to be indicated as 3 each.
4. The code number for seminar-1 is to be indicated as CE-18 and seminar-2 as CE-28.

- The number of credits for Project work in 3rd semester is to be revised as 16 instead of 18 without any change in the project content.
- The number of credits for Final Project work and seminar in 4th semester is to be revised to 20 instead of 22 without any change in the project content.

The course structure with the revisions as suggested above is placed at annexure-3.

S. S. S.
18/9/2011

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