

# MALLA REDDY ENGINEERING COLLEGE (Autonomous)

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

Department of Computer Science and Engineering

## Minutes of meeting CSE (UG) - BOS

June 24<sup>th</sup>, 2017

The 8<sup>th</sup> Board of studies meeting for the CSE (UG) - BOS is conducted on 24-06-2017 at 10:30 AM 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. T. Prabakaran	Assoc. Prof. & HOD	Chairman- BOS
3. Dr. M. Chandra Mohan	Professor, CSE Dept., JNTUHCE, Hyd.	University Nominee
4. Dr. G. Ramamurthy	Assoc. Prof. IIIT- Hyd.	Subject Expert
5. Dr. C. Krishna Mohan	Assoc. Prof., CSE Dept, IIT- Hyd.	Subject Expert
6. Mr. B. Mohan Rao	Senior Consultant, Cap Gemini Technology Gachibowli, Hyd.	Industry Expert
7. Dr. G. Charles Babu	Prof., CSE Dept.	Faculty Member
8. Mr. P. V. Ramana Murthy	Assoc. Prof., CSE Dept.	Faculty Member
9. Mr. P. Sanjeeva	Assoc. Prof., CSE Dept	Faculty Member
10. Mr. D. Krishna Kishore	Assit. Prof., CSE dept.	Faculty Member
11. Mr. K. Venugopal Reddy	System Engineer, TCS, Gachibowli, Hyd.	Alumni

The following is the agenda for the meeting.

1. Discussion and approval of the scheme and Syllabus of B.Tech.-CSE (CBCS) for MR17 Regulations (for Batches starting from Academic Year 2017-18 onwards).
2. Discussion and approval of the syllabus for offering subjects to other Departments.
  - Computer Programming (CE, EEE, ME, ECE, CSE, IT and Mi.E)
  - Computer Programming Lab (CE, EEE, ME, ECE, CSE IT and Mi.E)
  - Data Structures through C (EEE, ECE, CSE and IT)
  - Data Structures through C Lab (EEE, ECE, CSE and IT)
  - CN, CO and OS (ECE, CSE and IT)
  - CO&OS (EEE)
  - OOPs through Java (EEE, ECE, CSE and IT)
3. Suggestion and approval of Open Source Softwares for suitable lab experiments
4. Suggestion and approval of panel for Paper setters, Valuers for both theory and practical examinations.
5. Delegation of power to the Chairman, BOS for inclusion and exclusion of any item as per the requirements.



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

At the outset, Dr. T. Prabakaran, Assoc. Prof. & HOD and Chairman of the CSE (UG) - Board of Studies, welcomed the members to the BOS meeting and informed the purpose of the meeting. He also briefed about the previous BOS meeting resolutions and placed on record the existing syllabus of MR15 regulations and also proposed modifications for MR17 regulations syllabus (Batches admitting from 2017-18 onwards). Later Board of studies Members has in detailed discussed, reviewed each item of the proposed agenda and finally the following items have been resolved unanimously by all the members of BOS to implement 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. (CSE) 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. (CSE) Courses from the academic year 2017-18 onwards. The devised scheme of instructions and other items have been given in Annexure-I.
2. After formulation of scheme of Instructions, the BOS has reviewed and devised the syllabus for B.Tech. (CSE) Course as per the guide lines of the AICTE and JNTUH, Hyderabad.
3. The BOS has discussed and framed the syllabus of the B.Tech. subjects offered to the other Engineering branches namely B.Tech.(ECE), B.Tech.(EEE) as per the guide lines of the AICTE & JNTUH, Hyderabad and resolved to implement from the academic year 2017-18 onwards.
4. The BOS Members unanimously approved to use the following Open Source softwares for execution of programmes in the respective laboratories.

S. No	Lab Name	Software Required
1	Computer Programming lab	C with Ubuntu
2	Data Structures lab	C with Ubuntu
3	Design and Analysis of Algorithms Lab	C with Ubuntu
4	OOPS through Java Lab	JSDK – Java
5	Data Base Management Systems Lab	MySQL
6	Operating Systems Lab	C with Ubuntu
7	Computer Networks Lab	C with Ubuntu
8	Compiler Design Lab	C with Ubuntu
9	Object Oriented Analysis and Design Lab	Star UML
10	Web Technologies Lab	JDSK, Apache Tomcat, MySQL
11	Linux Programming Lab	Ubuntu OS
12	Data warehousing and Data Mining Lab	Weka



5. 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.(CSE) Course.
6. 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.

Dr. M. Chandra Mohan suggested to

- include comparisons on "Rational Rose and Star UML".
- In addition to that, check the redundancy of topics in the subjects " Python Programming" and "Internet of Things".
- Include Industry oriented seminars
- Make students to develop Industry oriented miniprojects

Dr. G. Ramamurthy suggested to

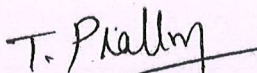
- Include the topic "Deep Learning" as one unit in the "Machine Learning" Subject.
- add the topic "Homomorphic Encryption" in Operating system under Security (Module-V).
- include "QTP" tool in Software Quality Assurance and Testing Subject.
- develop a commercial based Android Application as a part of the Android Application Development Lab
- add the topic "Fog Computing/Edge Computing" in Cloud Computing Subject.
- use "Deep Learning Software" wherever applicable in the curriculum.
- Add the Topic "Principles of Antivirus" in cyber security subject.
- Conduct Mock interview and technical sessions for pre final years during summer vacation
- Add the topic "Real Time Operating System " in the subject "Advanced Operating System"
- Advised to sign a MOU with companies for mobile application development

Dr. C .Krishna Mohan suggested to

- rename the subject "Hadoop and Big Data" as "Big data Analytics"
- frame the syllabus by referring good books, Reputed Universities
- Add few electives such as "Software Defined Networks , Information Retrieval Systems,Pattern Recognition in the curriculum.

Mr. B.Mohan Rao appreciated to have Java for learning OOPS concepts instead of C+. In addition,he also suggested to include basics of C++. He advised to include overloading concepts.

Finally, Dr. T. Prabakaran, Chairman – CSE(UG) Board of Studies has 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 PM.

  
Dr. T. Prabakaran  
Chairman, CSE(UG) - BOS