

# MALLA REDDY ENGINEERING COLLEGE (Autonomous)

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

## Department of Information Technology

### Minutes of the meeting - UG - B.Tech.(IT) Board of Studies

July 1<sup>st</sup>, 2019

The Board of studies meeting for the UG – B.Tech.(IT) - BOS is conducted on 01-07-2019 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. Kannan	Assoc. Prof. & HOD	Chairman-BOS
2	Dr. V. Kamakshi Prasad	Professor, CSE Dept., JNTUH, Hyd.	University Nominee
3	Dr. S. Phani Kumar	Prof. CSE Dept. GITAM, Hyd.	Subject Expert
4	Mr. B. Mohan Rao	Senior Consultant, Cap Gemini Technology, Hyd	Industry Expert
5	Dr. S. Dhanalakshmi	Prof. CSE Dept.	Faculty Member
6	Ms. T. Swapna	Asst. Prof. IT. Dept.	Faculty Member
7	Mr. G. Sathish	Asst. Prof. IT. Dept.	Faculty Member
8	Mr K .Saidireddy	Asst. Prof. IT. Dept.	Faculty Member

The following members not attended the meeting due to their preoccupation.

1	Dr. C. Krishna Mohan	Assoc. Prof. CSE Dept., IIT, Hyd.	Subject Expert
2	Ms. Kasturi Santhoshi Latha	Business Analyst – Bigwig Technologies Pvt Limited	Alumni

The following is the agenda for the meeting.

1. Action Taken Report (ATR) on previous BoS Meeting (6<sup>th</sup>) in A.Y 2018-19 held on 29<sup>th</sup> June, 2018.
2. Discussion and review of B. Tech (IT) MR18 regulations course schema and syllabus.
3. 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.
4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
6. Approval of list of software for MR18 regulation

At the outset, Dr. S. Kannan, HOD and Chairman of the IT (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 MR18 regulations and also proposed modifications for MR18 regulations syllabus (Batches admitting from 2018-19 onwards). Later Board of

studies Members have 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.

**The following resolutions are approved after careful discussion and observations.**

1. The BOS Members have thoroughly reviewed and discussed the MR18 Schema of instructions, periods per week, and number of credits for all 4 years of B.Tech. Information Technology 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. Information Technology Course from the next academic regulations whenever implementing.
2. The BOS has reviewed and discussed the syllabus of MR18 regulations for B.Tech. Information Technology Course as per the guide lines of the AICTE and JNTUH, Hyderabad.
3. The BOS members have agreed to suggest a revised list of panel for paper setters and Evaluators /examiners for both theory and practical of all the subjects of Batch.(IT) Course.
4. 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 after the consultation with the internal committee and the same will be informed to others by email.
5. The BOS Members approved the following revised Open Source Softwares for MR17 Regulations courses (Batches admitted during the AY 2017-18).

S. NO	LAB NAME	SOFTWARE REQUIRED
1	Computer Programming lab	Turbo C
2	Data Structures Lab	Turbo C
3	Operating Systems internals Lab	Ubuntu, JDK/Turbo C++
4	Java Programming Lab	Java
5	Database Management Systems Lab	MySql
6	Advanced Java Programming Lab	Java
7	R Programming Lab	Weka
8	Mobile Computing Lab	J2ME/ Android Development toolkit
9	Web Technologies Lab	JDK, BDK and Tomcat Server
10	Computer Networks and Security Lab	Turbo C / JDK
11	Python Programming Lab	Python
12	Software Testing Methodologies Lab	Turbo C
13	Data Mining Lab	WEKA TOOL

6. The BOS Members approved the following revised Open Source Softwares for MR18 Regulations courses (Batches admitted from the AY 2018-19 onwards).

S. No	LAB NAME	SOFTWARE REQUIRED
1	Programming for Problem Solving Lab	C with Ubuntu
2	Data Structures Lab	C with Ubuntu
3	Big Data Analytics Lab	R
4	Java Programming Lab	Java
5	Database Management Systems Lab	MySQL
6	Operating Systems Lab	JDK
7	Computer Networks Lab	JDK
8	Compiler Design Lab	C
9	Software Engineering & UML Lab	Star UML
10	Web Technologies Lab	JDK, BDK, Apache Tomcat, MySQL
11	Linux Programming Lab	Ubuntu OS
12	Data Warehousing and Data Mining Lab	Weka
13	Python Programming Lab, Machine Learning Lab	Python
14	Data Mining Lab	Weka Tool
15	IT Workshop	Ubuntu OS, MS-Office, Latex
16	Cryptography and Network Security Lab	JDK
17	Android Application development Lab	Android studio

7. The BOS members have approved a revised panel for paper setters and Evaluators /examiners for both theory and practical of all the subjects of 4 year B.Tech.(IT) Courses for the corresponding regulations.
8. The BOS members have approved various methodologies for innovative teaching and evaluation techniques.
9. The BOS members have approved various activities related to research, teaching, extension and other academic activities in the department/college.
10. If any item needs to be modified /added/ deleted, the same may be circulated by E-mail to all members and after taking electronic/E-mail approval the modification may be made operational.

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

- Instead of randomly selecting the subjects, the tracks / buckets can be formed regarding the Professional Elective Categories.
- Probability and Statistics & Discrete Mathematics courses should not be in the same semester.



- Android Application Development Course may be replaced with AWS, Agile Modeling / Agile Processing, DevOps courses.
- The VIII Semester courses may be compensated through Credit transfer options by MOOC, so that the students will get more exposure through Internships and Project oriented activities, which enhances employability.
- Theory and concern laboratories distribution of Credits has to be done evenly throughout the Course.
- Continuity in the Professional Elective Categories should be maintained.
- Based on the necessity, the laboratory courses may be integrated with the Core and Elective Courses.
- MOOC should be awarded with substantial credits.
- Activities related to Research, Teaching, Extension and other Academic activities should be elaborated separately in detail.
- Generic / Basic / Superficial subjects are suggested to incorporate in Open Electives.
- Open Elective (to other departments) will be offered based on the availability of Course Instructor.
- Tangible outputs to be measured regarding the Learning Methodologies.
- Attainment of Course Outcome and Programme Outcome may be presented during the forthcoming meeting.
- In the suggested OEs, the Genetic Algorithm can be replaced with Evolutionary Algorithms.
- In the suggested list of OEs, Network Security, Database Security and Middleware Technologies are not suggested.

Finally, Dr. S. Kannan, Chairman – IT(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 4:30 PM.



**Dr. S. Kannan**  
Chairman, IT(UG) - BOS

*Urmila*  
11/21/19

*CPX*

*S. Ph*  
01/07/19

*Rj*

*T. Suresh*