COIMBATORE INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER APPLICATIONS

BOARD OF STUDIES

Minutes of the Meeting

Date : 19- 09 – 2020   **Time : 10: 00 am to 12:00 pm**

The Board of Studies Meeting conducted **online mode** due to **Covid 19 Pandemic on 19-9-2020 at 10:00 am.** At the onset Chairman Dr. R. S. Somasunadarm, Professor & Head, Department of Computer Applications, CIT welcomed the BOS members and placed the agenda for the deliberation of the members. BOS in-charge Dr. J. B. Jona presented the proposed subject of study and syllabus for the first semester of the TWO Year MCA course. First Semester Syllabus was approved by the members.

The following members were present in the Board of Studies Meeting conducted **online mode** due to **Covid 19 Pandemic on 19-9-2020 at 10:00 am**

External Memebrs

Dr.R.S.Bhuvaneswaran	University Nominee
Dr.S.Nickolas	Academic Subject Expert
Dr.R.Manavalan	Academic Subject Expert
Mr.Vivek Viswanathan	Industry Expert
Mr.V.Karthick Prabhuram,	Industry Expert

Internal Members (Department of Computer Applications, CIT)

Dr. R. S. Somasundaram	**Chairman –BOS**
	Professor & Head
Dr. J. Shana	Associate Professor
Dr. J. B. Jona	Associate Professor
Dr. S. Sikappi	Assistant Professor
Dr. L.Yamunadevi	Assistant Professor
Dr. V. Savithri	Assistant Professor
Mr. S. A. Gunasekaran	Assistant Professor
Ms. A. G. Aruna	Assistant Professor
Dr. R. Ashok Kumar	Assistant Professor
Ms. V.Vishu	Assistant Professor

Board of Studies in Computer Applications

MCA

19th September 2020.

Board of Studies meeting held on 19/09/2020, Saturday from 10.00 a.m. onwards for MCA through Online mode and the meeting ID is : http://meet.google.com/jxo-ceex-efz. The following are the BOS members who attend the meeting.

External Members
1. Dr. R.S. Bhuvaneswaran, University Nominee
2. Dr. S. Nickolas, Expert member (Academia)
3. Dr. R. Manavalan, Expert member (Academia)
4. Mr. V. Karthic Prabhuram, Industry Expert
6. Mr. Vivek Vishwanathan, Industry Expert

Internal Members

	Name	Role
1	Dr. R.S. Somasundaram	Chairman, HOD
2.	Dr. J. Shana	Member
3.	Dr. J.B. Jona	Member
4.	Dr. S. Sikappi	Member
5.	Dr. L. Yamuna Devi	Member
6.	Dr. V. Savithri	Member
7.	Mr. S.A. Gunasekaran	Member
8.	Ms. A.G. Aruna	Member
9.	Dr. R. Ashok Kumar	Member
10.	Ms. V. Vishu	Member.

39

Suggestions by the BOS Members:

1. High Focus may be given on basic subjects like data structure, operating systems etc.
2. Data structures to be included in the curriculum and can be considered as two papers in two semesters. Linked list concept may be included before learning tree concepts in Data structures
3. Operating system may include advanced topics.
4. Operations Research may be excluded.
5. Basic computer papers may be included in bridge course.
6. Web Technology syllabus may be refined with new technologies.
7. Mobile Application development may be included in curriculum.
8. Python credits are to be changed and more packages may be introduced in syllabus
9. New subjects like Devops/Docker may be included in electives.
10. DBMS may be brought to first semester and content management system may be included. GraphDB, Nosql may also be considered in DBMS.
11. Mathematics paper Probability and statistics syllabus may reorder the content. Numerical methods, statistics and Optimization techniques may be considered.
12. Agile methodology to be give priority in software engineering.
13. Real time applications of Data Structures may be included in Second semester electives
14. Cloud native kind of elective, containerised courses instead of graphics and multimedia may be included as the industry is focusing towards these trends.
15. Object Oriented Concepts, Mobile Concepts to be in the core, Algorithmic course may be included and Operations research may be moved to elective.
16. C Programming may be included in Core as well
17. Discussed to rename DBMS to Data Science and is finally decided not to change the name.
18. The following courses have been approved for I M.C.A to conduct in I semester. Syllabus for the same is attached in Annexure – 1.

Course Code	Course Name	L	T	P	C
20MCA11	Mathematical Foundations of Computer Applications	3	1	0	3
20MCA12	Data Structures and Algorithms	3	0	0	3
20MCA13	Database Management Systems	3	0	0	3
20MCA14	Operating System Principles	3	0	0	3

Course Code	Course Name	L	T	P	C
20MCA15	Software Engineering	3	0	0	3
20MCA16	Data Structures Laboratory	0	0	4	2
20MCA17	Database Management Systems Laboratory	0	0	4	2
20MCA18	Python Programming Laboratory	0	0	4	2
20MCA19	Professional English	0	0	2	1
	Total Credits				22

Chairman

Dr. R. S. Somasundaram, Professor & Head

Department of Computer Applications, CIT