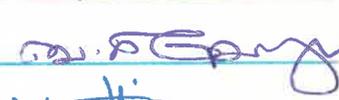


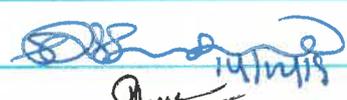
Board of Studies in Computer Applications

MCA

14th December 2019

Board of Studies meeting held on 14/12/2019,
Saturday from 11.00 am onwards for MCA

External Members	Signature
1. Dr. R. S. Bhuvaneshwaran, University Nominee	MLM 14/12/19
2. Dr. S. Nickolas, Expert member (Academia)	Absent
3. Dr. R. Manavalan, Expert member (Academia)	
4. Mr. V. Karthi Prabhuram, Alumni	V. Karthi
5. Mr. Vivek Vishwanathan, Industry Expert	Absent

Internal Members	Signature
1. Dr. R. S. Somasundaram, Chairman, HOD	 14/12/19
2. Dr. J. Shana Member	
3. Dr. J. B. Jona Member	J. B. Jona
4. Dr. S. Sikkappi Member	S. Sikkappi
5. Ms L. Yamuna Devi Member	L. Yamuna Devi
6. Ms V. Savithri Member	Absent
7. Mr. S. A. Gunasekaran Member	S. A. Gunasekaran
8. Ms. A. G. Aruna Member	A. G. Aruna
9. Dr. R. Ashok Kumar Member	R. Ashok Kumar
10. Ms V. Vishu Member	Absent

**Coimbatore Institute of Technology
Department of Computer Applications
Board of Studies – Minutes**

Date: 14-12-2019

Discussion

Python Programming

- Dr.Bhuvaneshwar suggested that Python Programming can be included as core subject.
- Under Data Sequence –List and set can be added in the syllabus
- Dr.Manavalan suggested to include case study in the last unit in order to gain application knowledge
- Dr.Manavalan and Dr.Bhuvaneshwar Python lab can be included for this subject
- Dr.Manavalan suggested to have a separate elective Python Lab or theory with 2+2 credit.

Single Page Application

- Dr.Manavalan suggested that Some concepts are overlapping the Syllabus of Web Frameworks.
- Introduction can be given in first unit.
- Re introducing java script can be changed as Reviewing javascript.
- Dr.Manavalan commented to include User Experience lab Subject code in Pre-requisites and asked to include Server concepts can be added first in the unit.
- If possible lab can be included.
- Dr.Bhuvaneshwar asked to change "Develop the shell" as " Working in a shell".
- Dr.Manavalan suggested Web frameworks can be considered instead of Single page Application.

Web frameworks Theory and Lab

- Dr.Manavalan and Dr.Bhuvaneshwar Syllabus to theory oriented rather than practically.
- Mr.V.Karthick Prabhuram asked to add Java and Reactjs in Introduction.
- Dr.Bhuvaneshwar suggested to reduce Spring concepts

Machine Learning Lab

- Dr.Bhuvaneshwar recommended to include R language and deep learning concept instead of hypothesis concepts
- To be specific in lab experiments as developing packages

One credit course

Hackathon

- Dr.Bhuvaneshwar suggested to give an appropriate course title.
- Mr.V.Karthick Prabhuram asked to divide a team of 2 students and make them to do their project within 10 or 12 hours where the whole software development cycle should be done.
- Or a theme can be given to do the problem.
- Institution insisted to make Hackathon course as compulsory to the students of IV semester MCA. The Regulation for hackathon was discussed. The external members suggested that this course should not be made as compulsory especially in the IV semester because they already have Mini project and Cyberfest event. If the college insists, then they suggested to convert Mini project as hackathon course.
- Also nowhere the real discussion on hackathon that was done by experts were added. They had mentioned their view that it shouldn't be made as compulsory especially in this semester (I remember personally saying that we will put this view of our BoS members to our COE also) with mini project,hackathon event and cyberfest. And if college insists then they said it is better to convert mini project as hackathon course.
- They also discussed the issues such as how will all students be able to participate in real hackathon and show performance and during that period if no online hackathons are organized by any organization then how will the students be evaluated . And finally they concluded since college was making it mandatory , make it a lighter version without overburdening the students by moving the miniproject or cyberfest to other semesters.

Ethical Hacking and Cyber Security

Experts suggested that Ethical Hacking and Cyber Security can be included.

Resolutions

The Resolutions have been made to include the following Elective courses in the 2018 regulations which is applicable for the students admitted from 2018 onwards and may be offered from December 2019 onwards.

- 18MCAE36 - Python Programming
 - 18MCAE37 - Single Page Web Applications
 - 18MCAE38 - Web Frameworks
 - 18MCAEL07 - Web Frameworks Laboratory
 - 18MCAEL08 - Machine Learning Laboratory
 - 18MCAEL09 – Python Programming Laboratory
 - 15HAC01 - Hackathon (one credit course)
 - Ethical Hacking and Cyber Security (one credit course) -18MCA0C01
- Python programming can be included as core subject from the 2021 Regulation
 - List ,Set, Tuples and case studies have been added in 18MCAE36.
 - Single page Application syllabus contents are reordered and Web Framework course was made as pre-requisite for this course.
 - Web Framework syllabus has been reframed to theory oriented and approved.
 - Machine Learning Lab can be offered using Python.
 - Hypothesis concepts are removed and advanced Machine Learning algorithms are included in Machine Learning Lab.
 - The Syllabus for the above is approved with the specified changes.
 - Chairman Board of studies is empowered to make changes at any point of time if necessary.


CHAIRMAN

Board of Studies, MCA

