Board of Studies in Computer Applications

MCA
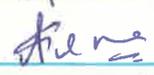
15th Dec 2018

Board of Studies meeting held on 15/12/2018 Saturday from 10:00 am onwards for MCA

External Members		Signature
1. Dr. R. S. Bhuvaneswaran, University Nominee		
2. Dr. S. Nickolas, Expert member (Academia)		
3. Dr. R. manavalan, Expert member (Academia)		

Internal Members		Signature
1. Dr. B. Arunkumar	Director	
2. Dr. P. G. Sapna	chairman	
3. Dr. S. Sikappi	member	
4. Mrs. L. yamunadevi	Member	
5. Dr. J. shana	Member	
6. Mrs. V. Savithri	Member	
7. Mrs. A. G. Aruna	Member	
8. Dr. R. Ashok kumar	Member	
9. Mrs. V. Vishu	Member	

COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution Affiliated to Anna University, Chennai)

Coimbatore - 641 014.

Department of Computer Applications

Minutes of Board of Studies Meeting held on 15-12-2018 at 10:00 a.m.

Following was the main points of discussion :

Mission, PEO and POs

18MCA Syllabus Improvements

Open Book Examinations

Addition of Electives

General

Mission of the Department

- Dr. R.Manavalan suggested to keep the Mission statement short and precise.

- Mission statement – rethink the phrase 'foundations of Computer Science'. Instead use 'Applications of Computer Science'.

PEO

- Include leadership and entrepreneurship in the PEO statement.

List of Open Electives

- To add electives offered by other departments in the Syllabus book so that students can have right information and choose electives.

Semester I

- Dr. R.Manavalan suggested that UX Lab (18MCA17)may include exercises relevant to mobile UI and expressed his opinion that the current contents of UX Lab are more relevant to Web Technology rather than User Interface.

Semester III

- Dr. R.S.Bhuvaneshwaran suggested that Algorithms order should be analyzed (AES, Nodes, DES) (18MCA21)
- Advanced DBMS(18MCAE03) Change in name requested by Dr.R.Manavalan.

Semester IV

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- Dr. B. Arun Kumar enquired the possibility of having Accountancy and Financial Services(18MCA43) concepts be combined as a single subject and mathematical concepts be reduced.

Semester V

- Dr. S.Nickolas doubted the suitability of the course title "Cryptography and Network Security - (18MCA52), because the contents are more relevant to Information Security. However, considering the scope of the syllabus, it was jointly concluded to retain the title as 'Cryptography and Network Security' itself.

- In the Network Security course(18MCA52), it was suggested to combine the 2nd and 3rd units and enlarge the 4th unit due to current relevance.

- Dr.R.S. Bhuvaneshwaran suggested to mention the specific algorithms used in Information Security Lab syllabus.

- Dr. R.S.Bhuvaneshwaran also suggested that, for Data Mining Lab(18MCA44), exercises can include getting and training data sets.

Electives

- Dr. R.Manavalan suggested to incorporate R Programming in Statistics Lab(18MCA18).

- Dr.R.S. Bhuvaneshwaran suggested to include the list of Open Elective subjects offered by other departments to M.C.A students in the SOS of the MCA syllabus book.

- Dr. S.Nickolas and Dr. Bhuvaneshwaran suggested to include concepts like 'Hive' in the syllabus of Big Data Technologies(18MCAE29).

- Dr.R. Manavalan had an opinion that having five COs in lab subjects might make it complex to assess attainment of COs and POs.

- Dr.S. Nickolas suggested to keep minimum number of pre-requisites for lab subjects.

  Dr.R.S. Bhuvaneshwar and Dr. Nickolas suggested the following changes, subject to norms.

  - To modify the distribution of contact hours in the syllabus of Big Data Technologies(18MCAE29)..

  - To rephrase the terms like 'Introduction …' with 'Fundamentals …', or 'Basics …' in the syllabus content where applicable.

  - To add elective courses 'Single Page Application' and 'Software Stack'.

  - To add elective courses 'Wireless Network' and 'Human Computer Interfaces'-

- To re-evaluate the prerequisites of the 'Cloud Computing Lab'- (18MCAEL01).
- To rephrase CO5 of Enterprise Computing Lab.

Open Book Exams

- Dr.R.S. Bhuvaneshwaran suggested that open book exams can be conducted only for selective subjects which have the potential for analysis and application of concepts.
- Dr.R Manavalan suggested that the students can be tested in any one internal test to understand the effectiveness and applicability. Further improvements can be done based on the result analysis of the test.

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