

**THIAGARAJAR COLLEGE OF ENGINEERING,  
MADURAI – 625 015**

**DEPARTMENT OF COMPUTER APPLICATIONS**

**MASTER OF COMPUTER APPLICATIONS**

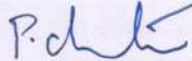
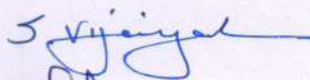


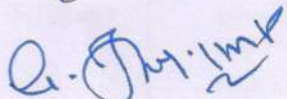
Meeting on consolidated Curriculum Review based on Feedback from stakeholders

15-02-2022

**Meeting Date & Time** : 11-02-2022 at 4.00 pm

**Meeting Venue** : MCA Department-CF Lab

**Members Present:**

- 1) Dr.P.Chitra, Professor & Head in Computer Applications 
- 2) Dr.S.Vijayalakshmi. Professor in Computer Applications 
- 3) Mrs.P.Sharmila. Asst. Professor in Computer Applications 
- 4) Dr.C.Senthil Kumar. Asst.Professor in Maths 
- 5) Dr.G.Jeya Jeevakani, Asst.Professor in English 

**Meeting Minutes**

**Stakeholders** : Students, Course handling faculty and MCA Alumni

**Syllabus review:** MCA 2020 Curriculum

Based on the analysis of curriculum review feedback obtained from students, course handling faculty members, MCA Alumni, MCA employer the following points are considered for the review of curriculum and will be placed in the following board of studies on 1/06/2022

**Action taken based on the feedback review for curriculum review**

New Scheduling of courses is proposed with introduction of new courses and movement of existing courses in the scheduling. Detailed syllabus of first to fourth semesters is set according to the feedback analysis. All the courses are subject to revision and major changes are listed below

## SUGGESTION GIVEN BY THE STAKEHOLDERS:

### General Suggestion:

- Scheduling of courses is satisfactory
- E-commerce course removed from the syllabus
- Templates shall be made uniform across all courses in terms of textbooks/reference books and web resources.

### Course Suggestion:

Sl.No	Stakeholder Suggestion	Semester	Major update in the curriculum Syllabus
1.	<b>MCA Alumni:</b>  ➤ Shall be removed the subject 20CA130 Computer organization subject from the MCA Syllabus	➤ I Semester	➤ Problem Solving using python to be introduced in first semester
2.	<b>Students and Faculty:</b>  20CA170 and 20CA270(Practical Courses) ➤ Merging of the two courses 20CA170 & 20CA270 and moving the course to 1 <sup>st</sup> semester MCA shall be explored, if it suits the newly admitted students for 2 Years MCA.	➤ I and II Semester	➤ These two practical courses where suggested to be offered in the 1 <sup>st</sup> semester for the newly admitted students for 2 Years MCA
3.	<b>Students and Faculty:</b>  20CA330 ➤ Moving the course to elective - Course title like Design pattern. If it suits the newly admitted students for 2 Years MCA.	➤ III Semester	➤ OOPs was initially offered in 1 <sup>st</sup> semester and now it is suggested to be offered in 2 <sup>nd</sup> semester

4.	<b>Faculty and Alumni:</b> 20CA390(Practical Courses) Instead of 20CA390 new lab like Data Analytics using Python or Web Technology Lab.	> III Semester	> Third semester introduce 22CA280 new lab like Web Technology Lab. > To Introduce employability oriented lab course -Web technology lab
5.	<b>MCA Alumni and employer:</b> One credit courses > Identification of industry experts for courses to be offered as One Credit Courses	> III Semester	> Suggestion for introducing industry supported course.
6.	<b>Faculty:</b> 20CA310 > Topics on Applied Statistics could be added to 20CA310 and mathematical foundation of computer science lab course also added like theory com practical.	> III Semester	> Topics on Applied Statistics could be added to 22CA310 and mathematical foundation of computer science lab course also added like theory com practical.

#### Semester Wise Changes:

##### Semester-I

Course code	Name of the Course	Major updates in curriculum/syllabus
22CA110	Mathematical Foundations of Computer	No specific changes is required
22CAI20	Data Structures and Applications	AVL are introduced
22CA130	Database Management Systems	No specific changes is required
22CA140	Software Engineering	DevOps included
22CAI50	Problem Solving using Computers	Python programming exercises are introduced Statistics-correlation coefficient,hypothesis testing

22CA170	RDBMS Lab	No specific changes is required
22CA180	Data Structure using C Lab	Binary Tree,AVL Tree and Graph traversal included.Hashing techniques are removed
22CA190	Professional Communication	More emphasis on listening,reading and speaking skills with new digital resources.

### Semester-II

Course code	Name of the Course	Major updates in curriculum/syllabus
22CA210	Design and Analysis of Algorithms	No specific changes is required
22CA220	Object Oriented Programming	STL components(vectors,List s,stacks,queues)added
22CA230	Operating Systems	No specific changes is required
22CA240	Web Technology	No specific changes is required
22CAPA0	Elective – 1	No specific changes is required
22CA270	Object Oriented Programming Lab	All Experiments are streamlined with theory syllabus
22CA280	Web Technology Lab	No specific changes is required
22CA290	Software Engineering Lab	No specific changes is required

### Semester-III

Course code	Name of the Course	Major updates in curriculum/syllabus
22CA310	Computational Statistics	No specific changes is required
22CA320	Computer Networks	No specific changes is required

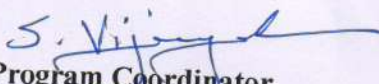
22CAPC0	Elective — II	No specific changes is required
22CAPD0	Elective — III	No specific changes is required
22CAXX4	Elective — IV	No specific changes is required
22CA370	Mobile Application Development Lab	No specific changes is required
22CA380	Computational Statistics Lab	No specific changes is required
22CA390	Mini Project	No specific changes is required


#### Semester-IV

Course code	Name of the Course	Major updates in curriculum/syllabus
22CA410	Project	No specific changes is required

#### Other activities for Curriculum Enrichment:

- Encouraging students to take online courses like NPTEL, Coursera, Edx and TCE online courses.
- Introducing industry support courses like one/two credit courses.

  
**Program Coordinator**  
**(Dr.S.VIJAYALAKSHMI)**

  
**HODCA**  
**(Dr.P.CHITRA)**

To be circulated among faculty members