

FATIMA COLLEGE(AUTONOMOUS), MADURAI

DEPARTMENT OF MCA

To be implemented From : 2023-2024 onwards
Venue : SJ 16
Convened on : 03.04.2023
Convened at : 10 a.m.

Members Present

S. NO.	NAME	DESIGNATION
1.	Ms. S. Mary Helan Felista	Head of the Department
2.	Dr. S. Kannan Professor, Dept. of Computer Applications, School of IT Madurai Kamaraj University Madurai	University Nominee
3.	Dr. Sr. R. Shantha Mary Joshitta Head & Asst. professor Dept. of Computer Science Jeyaraj Annapackiam College for Women Periyakulam	Subject Expert
4.	Dr. S. R. Raja Associate Professor Dept. of comp. Sc. & Applns. Saveetha University chennai	Subject Expert

5.	Mr. Antony S. Raj Vice President 5G Business Tech. Leader Jio Platforms Limited Mumbai	Industrialist
6.	MS. V. Nandhini Front End Developer Mindzen India Pvt. Ltd. chennai	Alumna
7.	Dr. S. Raju	Director
8.	Dr. Sangeetha	Dean of Academic - Affairs
9.	Dr. R. Smeeta Mary	Faculty
10.	Ms. S. Jeba Priya	Faculty
11.	Ms. B. Usha	Faculty
12.	Ms. S. Selvarani	Faculty
13.	Ms. P. Nancy Vincentina Mary	Faculty

ACTION TAKEN REPORT FOR 2022-2023

S.NO.	Common Suggestions offered in the Previous Board	Action taken for the academic year 2022 - 2023
1.	Courses offered in the final semester can be offered in the previous semesters to facilitate project cum placement	Online classes were conducted for the courses offered in the final semester.

CHANGE OF COURSE TITLE : NIL

NEW COURSES INTRODUCED

S.NO.	COURSE CODE	COURSE TITLE	RELEVANCE L R N G	SCOPE EMP/ENT /SD	NEED FOR INTRODUCTION
1.	22MCA102	Relational Database Management System	Global	EMP	To meet the industry requirements
2.	22MCA302	Software Engineering Principles	Global	SD	Advanced software engineering practiced in the industry to be imparted
3.	22MCA401	UIX Design Programming	Global	SD	Career opportunities in uix design rapidly increasing.

REVISED COURSES

S.No.	Course Code	Course Title	No. & Title of Units Revised	% of Revision	Need for Revision	Relev. LRNG	Scope
1.	20MCA 101	Mathematical Foundation of Properties of Trees	Unit V - Trees	10%	Trees to be included in graph theory	G1	SD
2.	20MCA 104	Comp. Science Programming in Python	Unit V - Exception handling	20%	more detailed concepts	G1	EMP
3.	20MCA 202	Web Technologies	Unit I	20%	Basics moved to Bridge course	G1	EMP
4.	20MCA 203	Programming in Java	Unit I & II Rearranged	20%	Topics re-aligned for easy learning	G1	EMP
5.	20MCA 304	Enterprise Application Development	Unit II - Spring, & Hibernate Frameworks	20%	Topics revamped to facilitate Learning	G1	EMP
6.	20MCA GE11	Cloud Computing	Unit I - V	20%	Topics revamped for easy learning	G1	SD

MINUTES - 2023 ONWARDS

1. Updation of Open Educational Resources in the list of references of each course (if needed)

NIL

3. Revision of Courses

Revised Courses

S.NO.	Course Code	Course Title	No. & Title of Units Revised	% of Revision	Need For Revision	Relevance L R N G	Scope
1.	20MCA 103	Operating System & V	Unit III, IV Revamped	20%	To enhance conceptual learning	Global	SD
2.	23MCA 104	Programming in Python	All the units	60%	To meet the Industry standards	Global	EMP
3.	23MCA 203	Programming in Java	Unit IV & V	30%	To include Industry ready topics	Global	SD
4.	23MCA AM03	Machine Learning	Unit III, IV & V	30%	To include tools	Global	SD
5.	20MCA AL01	Internet of Things	Unit V	20%	Facilitate easy learning	Global	SD
6.	20MCA DA03	Big Data Analytics	Unit III, IV & V	20%	Facilitate easy learning	Global	SD
7.	23MCA 102	RDBMS	Unit III, IV & V	50%	learning	Global	EMP
8.	20MCA AM01	Artificial Intelligence & Expert System	Unit V	20%	of the concepts	Global	SD

* 1 General Elective course to be offered as self learning course in the final semester.

4. New Courses Introduced :

New Courses Introduced

S. NO.	Course Code	Course Title	Relevance To			Scope	Need For Introduction
			L	R	NG	EMP/ENTIRE/SD	
1.	23MCA 202	Computer Networks & Communication				Global SD	Networking concepts to be included in the core
2.	23MCA 303 & 23MCA305	Full Stack Development (Theory & Lab)				Global EMP	Essential for Placements.
3.	23MCA 304 & 23MCA306	Application Development Frameworks (Theory & Lab)				Global EMP	MVC concept is the need from the industry
4.	23MCA DSO1	Distributed Systems				Global SD	Knowledge on distributed system essential for the specialization
5.	23MCA DSO2	Secured Wireless Communication				Global SD	To include the security aspects of wireless communication
6.	23MCA DSO6	Web Security				Global SD	Security aspects of database & web for specialization needed

S. NO.	Course Code	Course Title	Relevance L R N G	Scope	Need for Introduction
7.	23MCA GE01	E-Content Development	Global	SD	E-content creation is becoming the trend
8.	23MCA GE08	Principles of Artificial Intelligence	Global	SD	Basics of EAI to be offered
9.	23MCA GE11	Cloud Services	Global	SD	cloud computing as in the industry
10.	23MCA GE13	Internet & Web Designing	Global	EMP	Theory concepts of web programming to be included
11.	23MCA GE14	Foundation of Data Science	Global	SD	Basics of Data science to be offered
12.	23MCA GE15	High Speed Networking Principles	Global	SD	Recent networking architecture to be included
13.	23MCA 307	SKILL Based Lab III Mobile App. Dev.	Global	SD	Recent Trend
*	20MCA401	Final (IV) Semester to be dedicated for Major Project.			

* Bridge courses are offered at the beginning of each semester pertaining to the requirements

5. Introduction of Purely Skill Embedded certificate / Diploma / Advanced Diploma Value added courses other than the value added courses that is already being offered

S.NO.	Course Code	Course Title	MOV WITH INDUSTRY	SKILLS Sharpened	Course Outcome
1.	23PGVA MCA05	Software Testing Tools		Software Testing	1. To impart knowledge on the need for testing 2. To give an indepth knowledge on Selenium. 3. To introduce testing frameworks
2.	23PGVA MCA06	Web Designing Using JSP & Servlets		Web Application Development	1. To create website using Java Servlets 2. To develop web application using JSP

6. Approval of Ph.D Course Work Syllabus NIL

7. Rubrics for Internship / Project

S.NO.	C1 (50 Marks)	C2 (50 Marks)	External (100 Mks)
1.	Literature Survey	Coding	Novelty & Functionality
2.	Modularity	Algorithms	Presentation & Queries

Details of Proposed / Signed MoUs

1. The Department of MCA propose to extend the MoU with Bricksteel Enterprises Infotech Pvt. Ltd., Bangalore for the following activities

- Inplant Training
- Guest Lectures
- Placement
- FDP
- Skill embedded Value added course

2. The Department propose to extend the MoU with Vivara Tech, Chennai for e-content development.

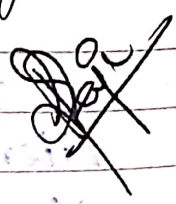
3. The Department has planned to Sign more MoUs in the upcoming year.

OTHER SUGGESTIONS

1. Networking concepts to be offered as a core paper
2. Operating System course to include advance concepts
3. Python course to include more of array concepts.
4. Machine Learning Course to include clustering concepts.
5. Base papers of Specialization electives to be offered as general electives.

COMMENDATIONS

1. Syllabus is highly enriched according to the requirements and trends of the industry.

S. No.	Name	Signature
1.	Dr. S. Raju Director, Professional Courses	

	Signature
1. MS. S. Mary Helan Felista	S. Mary Helan Felista
2. Dr. S. Kannan	S. Kannan 3/4/23
3. Dr. Sr. R. Shantha Mary Joshitta	Sr. R. Shantha Mary Joshitta 3/4/23
4. Dr. S. R. Raja	S. R. Raja
5. Mr. Antony S. Raj	Absent
6. MS. V. Nandhini	Absent
7. Dr. Sangeetha	Sangeetha
8. Dr. R. Smeeta Mary	R. Smeeta Mary
9. Ms. S. Jeba Priya	S. Jeba Priya
10. Ms. B. Usha	B. Usha
11. Ms. S. Selvarani	S. Selvarani
12. Ms. P. Nancy Vincentina Mary	P. Nancy Vincentina Mary

for 03/04/2023