FATIMA COLLEGE (AUTONOMOUS), MADURAI

Minutes of the Board of Studies

Name of the Department : PG Department of Computer - Applications

To be implemented from : 2021 - 2022 onwards
Venue : online
Google Meet Link : meet.google.com/tre-ikqo-wyt
Convened on : 12.04.2021
Convened at : Department of MCA
                       Fatima College, Madurai

Members Present

S.NO.	NAME	DESIGNATION
1.	Dr. D. JeyaMala	Director
2.	Ms. S. Mary Helan Felista	Head of the Department
3.	Dr. Sivakumar Principal & Assoc. Professor CPA College	University Nominee
4.	Dr. Chandrasekaran Director, Dept. of MCA Mepco Schlenk Engg. College Sivakasi	Subject Expert
5.	Dr. Meenakshi. A Head & Assoc. Professor Dept. of CSE Kamaraj College of Engg. & Tech Virudhunagar	Subject Expert
6.	Mr. Manikumar Senior Software Developer Ericsson India Global Prt. Ltd. Chennai	Industrialist

S.NO.	NAME	DESIGNATION
7.	Ms. R.G. Sobitha Business Manager BSETech, Madurai	Alumna
8.	Ms. Mable Jasmine Shobha	Dean of Academic Affairs
9.	Ms. R. Smeeta Mary	Staff Member
10.	Ms. S. Jeba Priya	Staff Member
11.	Ms. B. Usha	Staff Member
12	Ms. S. Selvarani	Staff Member
13.	Ms. P. Nancy Vincentina Mary	Staff Member

ACTION TAKEN REPORT FOR 2020-2021

S.NO.	Common Suggestions offered in the previous Board	Action Taken for the academic year 2020-2021
1.	Bridge Course on basic concepts to be offered	Bridge course was designed for a period of 15 days to cover the basic concepts in the following topics i) Programming in C ii) Object Oriented Programming in C++ iii) Relational Database Management iv) Computer Networks v) Communicative English.
2.	Programme to focus on internship & Real time projects	→ Internship during summer is mandated → Real time mini project to be done in Semester III → Final project to be done in real time environment with internship.

CHANGE OF COURSE TITLE — NIL

NEW COURSES INTRODUCED

S. NO.	Course Code	Course Title	Relevance To				Scope For EMP ENT	SD	Need For Introduction
			L	R	N	G			
1.	20MCA302	Software Quality & Testing				G		✓	Career opportunities in testing are rapidly increasing
2.	20MCA401	Lab VII – UIX Design Programming				G	✓		Perk up the opportunities of employability
3.	20MCAAD02	Data Analytics & Visualization using Spreadsheets				G		✓	Specialization Course on Data Analytics Domain
4.	20MCAAD05	Business Analytics Using R				G		✓	Specialization Course on Data Analytics Domain
5.	20MCADS02	Wireless Commn. & Security				G		✓	Specialization Course on Dist. Security Domain
6.	20MCAAM05	Deep Learning				G		✓	Specialization Course on AI & Machine Learning Domain
7.	20MCAGE01	Office Automation Tools				G		✓	Course offered as General Elective.

REVISED COURSES

S. NO.	Course Code	Course Title	Units Revised	% Of Revision	Need for Revision	Relevance To LRNG	Scope EMPENT / SD
1.	20MCA303	Mobile Application Development	Unit III - Data Persistence Unit IV - Content Providers Unit V - Publishing Android Applications	60%	Include more of application development towards practical implementation of mobile apps.	Global	Employability

Minutes 2021 - 2022

1. Updation of open Educational Resources in the list of references of each course.

NIL

2. Revision of Courses

S. NO.	Course Code	Course Title	Units Revised	% Of Revision	Need for Revision	Relevance To	Scope EMP/ENT/ SD
1.	20MCA101	Mathematical Foundation of Computer Science	Unit V - Graph Theory	20%	To include graph theory Concepts	Global	SD

S.No.	Course Code	Course Title	Units Revised	% of Revision	Need for Revision	Relevance To L/R/N/G	Scope EMP/ENT/SD
2.	20MCA102	Software Engineering	Unit I - Unit V	80%	New concepts & Realignment	Global	EMP & SD
3.	20MCA104	Programming in Python	Unit IV - Dictionary Unit V - Data Modeling	20%	Concepts are more detailed	Global	SD
4.	20MCA302	Software Quality & Testing	Unit I - Unit V	80%	Industry oriented Tools introduced	Global	EMP & SD
5.	20MCA304	Enterprise Application Development		20%		Global	EMP
6.	20MCAAM03	Machine Learning	Unit V	20%	Tools for ML included	Global	SD

3. New Courses Introduced

S.No.	Course Code	Course Title	Relevance To L/R/N/G	Scope EMP ENTR SD			Need for Introduction
1.	20MCA-ID01	Information Technology for Management	Global			✓	Information Technology components are vital for business management
2.	20MCA-ID02	Content Management System	Global		✓		Basic Content mgmt. knowledge essential for managers
3.	20MCA-ID03	Statistical Analytic Tools	Global		✓		knowledge on automated tools ease out the process of Stat. analysis

S.NO.	Course Code	Course Title	MOU with Industry	Skills Sharpened	Course Outcome
4.	20MCA-ID04	Web Analytics	Global	✓	E-Commerce based web analytics is the current business trend

4. Introduction of purely Skill-Embedded certificate value added course other than the Value Added Course that is already being offered.

S.NO.	Course Code	Course Title	MOU with Industry	Skills Sharpened	Course Outcome
1.	20PGVAMCA3	Payment Gateway Implementation Using Laravel	BSETech Bangalore	i) Hands on experience on PHP framework ii) Internship with the industry on implementing a real time application	i) Knowledge on implementing Payment Gateway ii) Focus on real time application development
2.	20PGVAMCA2	Cyber Security Techniques	-	i) Identify the security risks in the cyber World ii) Design Solutions to overcome the Cyber Threats	i) Understand the Basics of cyber security ii) Analyze & Evaluate the Cyber Security needs iii) Determine & Analyze s/w Vulnerabilities

5. Approval of Ph.D Course Work Syllabus — NIL

6. **Rubrics for Internship / Project**

Internship / Mini Project / Major Project

Internal → Novelty = 10
→ Functionality - 10
→ System Analysis - 10
→ Presentation - 10
→ Queries - 10

50 Marks

External → 50 Marks

DETAILS OF PROPOSED / SIGNED MOUS

1. PG Department of Computers Applications signed a MoU with Bricksteel Enterprises Infotech Pvt. Ltd., Bangalore on December 14, 2020 The following activities are proposed to be carried out in the upcoming year
   i) Inplant Training
   ii) Guest Lectures
   iii) Placement
   iv) FDP
   v) Curriculum Design

2. PG Department of Computer Applications signed a MoU with Vivara Tech, Chennai for the Consultancy Project titled "Books / E-Books / Content Development". The Department has agreed for content development services in accordance
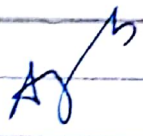
with the standards of Virasa and as per the professional skills, personnel and technical resources

OTHER SUGGESTIONS

1. Text Book and Reference Books to be clearly indicated in the syllabus.

2. Bridge Course to be offered at the beginning of each semester for a period of 5 days apart from 15 days at a stretch in the beginning of the Programme.

COMMENDATION - The board appreciated the Syllabus of MCA programme & further suggested the following:

1. Course on Foundation for Data Science to be offered.

2. Every Course should be identified with a NPTEL course and the syllabus should focus the same.

3. DBMS to be offered as a core paper.

NAME	SIGNATURE
1. Dr. JeyaMala. D	Ay
2. Ms. Mary Helan Felista. S	EMaylu
3. Dr. Sivakumar	
4. Dr. Chandrasekaran	

5. Dr. Meenakshi . A	
6. Mr. Manikumar	
7 Ms. Sobitha R.G.	
8. Ms. Mable Jasmine Shobha	1. Mabli Jasmini Shobha
9. MS. Smeeta Mary . R	_(signature)_
10. Ms. JebaPriya. S	_(signature)_
11. MS. Usha . B	Usha .B
12. Ms. Selvarani . S	Selvarani
13. Ms. Nancy Vincentina Mary	P. Nancy

CARDAMOM PLANTERS' ASSOCIATION COLLEGE

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Dr.S.SIVAKUMAR, B.E., M.S., Ph.D.,
PRINCIPAL - IN - CHARGE

19.Pri.Gen /2021 – 2022

Date : 07.05.2021

LETTER OF DECLARTION

I, Dr.S.Sivakumar, hereby declare that I had attended the Board of studies meting for the upgradation of the syllabus of the MCA programme on April 12, 2021 in the PG Department of Computer Applications, Fatima College (Autonomous), Madurai – 18. I approve the minutes of the Board of studies meeting and confirm it as correctly recorded.

Principal i/c

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY. CHENNAI)
(Approved by AICTE,New Delhi)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

29/04/2021

LETTER OF DECLARATION

I, ___DR.A.MEENAKSHI.___, hereby declare that I had attended the Board of studies meeting for the upgradation of the syllabus of the MCA programme on April 12, 2021 in the PG Department of Computer Applications, Fatima College (Autonomous), Madurai -18. I approve the minutes of the Board of studies meeting and confirm it as correctly recorded.

29/04/2021

(Dr.A.MEENAKSHI)
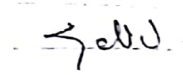ASSOCIATE PROFESSOR & HOD- CSE
Head of the Department,
Department of Computer Science & Engg.
Kamaraj College of Engg. &Tech.
Virudhunagar - 626 001.

LETTER OF DECLARATION

I, Dr. Chandrasekaran, hereby declare that I had attended the Board of studies meeting for the upgradation of the syllabus of the MCA programme on April 12, 2021 in the PG Department of Computer Applications, Fatima College (Autonomous), Madurai -18. I approve the minutes of the Board of studies meeting and confirm it as correctly recorded.
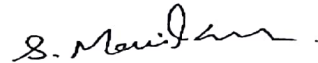
Place : Madurai

Date : 29.04.2021

Signature

LETTER OF DECLARATION

I, S MANIKUMAR, hereby declare that I had attended the Board of studies meeting for the upgradation of the syllabus of the MCA programme on April 12, 2021 in the PG Department of Computer Applications, Fatima College (Autonomous), Madurai -18. I approve the minutes of the Board of studies meeting and confirm it as correctly recorded.

Place : Madurai

Date : 29.04.2021

Signature

LETTER OF DECLARATION

I, _R G SOBITHA_ , hereby declare that I had attended the Board of studies meeting for the upgradation of the syllabus of the MCA programme on April 12, 2021 in the PG Department of Computer Applications, Fatima College (Autonomous), Madurai -18. I approve the minutes of the Board of studies meeting and confirm it as correctly recorded.

Yours sincerly

R G SOBITHA