

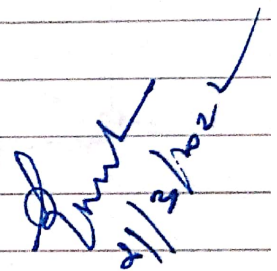
FATIMA COLLEGE (AUTONOMOUS), MADURAI - 625 018
THE MINUTES OF THE BOARD OF STUDIES
DEPARTMENT OF COMPUTER APPLICATIONS [BCA & PWDCA]
TO BE IMPLEMENTED FROM 2022-2023 ONWARDS

The board of Studies meet for framing the Syllabus for Department of Computer Applications [BCA & PWDCA] Was held on 21.03.2022 at 10:30 AM

The members of the board were,

UNIVERSITY NOMINEE (BCA) :

Dr. M. RAMAKRISHNAN,
PROFESSOR & HEAD CHAIR PERSON,
DEPARTMENT OF COMPUTER APPLICATIONS,
SCHOOL OF INFORMATION TECHNOLOGY
MADURAI KAMARAJ UNIVERSITY
MADURAI.


21/3/22

UNIVERSITY NOMINEE (PWDCA) :

Dr. M. Ramaswami
PROFESSOR,
DEPARTMENT OF COMPUTER APPLICATIONS,
SCHOOL OF INFORMATION TECHNOLOGY,
MADURAI KAMARAJ UNIVERSITY,
MADURAI.

7. Ramaswami
21/3/22

SUBJECT EXPERT :

Dr. S. SHAJUN NISHA
ASSISTANT PROFESSOR & HEAD,
POI & RESEARCH DEPARTMENT OF COMPUTER SCIENCE,
SADAKKATHULLA APPA COLLEGE,
RAHMATH NAGAR,
TIRUNELVELI.

SUBJECT EXPERT :

Dr. S. PADMAVATHI, *S. Padma*
PROFESSOR,
DEPARTMENT OF INFORMATION TECHNOLOGY,
THIAGARAJAR COLLEGE OF ENGINEERING,
MADURAI - 625 015.

INDUSTRIALIST :

Ms. A. Divya SRI, *A. Divya*
SOFTWARE DEVELOPER,
BSE TECH PVT LTD,
MADURAI - 16

ALUMNA :

MS. VARSHINI DOM *Dom. Varsha*
3.6.2 RAJAJI STREET,
MELACHOKKINATHAPURAM,
BODI NAYAKANUR
THERU.

MS. S. SELVA RANI,
ASSISTANT PROFESSOR & HEAD,
DEPARTMENT OF COMPUTER APPLICATIONS
FATIMA COLLEGE
MADURAI - 18

Selva Rani

Dr. G. PREETHA,
ASSISTANT PROFESSOR,
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MADURAI - 18

G. Preetha

MS. R. RAMYA,
ASSISTANT PROFESSOR,
DEPARTMENT OF COMPUTER APPLICATIONS,
FATIMA COLLEGE,
MADURAI - 18

R. Ramya

MS. J. AROCKIA JACKULINE JONI,
ASSISTANT PROFESSOR,
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J. Arockia Jackuline Joni

MS. A. PUNITHA ROSLINE
ASSISTANT PROFESSOR,
DEPARTMENT COMPUTER APPLICATIONS
FATIMA COLLEGE
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A. Punitha Rosline

DEAN OF ACADEMIC AFFAIRS :

MTS. A. MABLE JASMINE SHOBA. *J. Mable, Jasmine Shoba*

In the beginning of the meeting the Head of Department Mts. S. Selvarani Welcomed all the members of board and briefed them about the current updations and progress of the department.

The members of the board expressed their appreciation and satisfaction about the department.

Action taken Report for 2021-2022

S.NO	COMMON SUGGESTIONS OFFERED IN THE PREVIOUS BOARD	ACTION TAKEN FOR THE ACADEMIC YEAR 2021-22
1.	The Skill based course 19J3SB1 Quantitative Aptitude can be replaced with the title Logical Reasoning and Data Interpretation.	Title change was done to make the students concentrate more on data interpretation and reasoning.
2.	The 19JINME - Non major Elective Flash is outdated and can be replaced with any other open Source Animation tool.	NME - Animation Tools and Techniques (ALICE - Open Source Tool) was introduced to develop creativity skills and to impart animation techniques and create motion movies.
	For Diploma,	
3.	The title for the course 19PDB101 - Computer Fundamentals and OS can be replaced with Computer Fundamentals.	Title change was done and the fundamentals of Operating System concept was included.
4.	Lab Course 19PBB105 - web programming and photo Editing Techniques can be replaced with the title web programming.	Title change was done, to get more knowledge in web development skills.

S.NO	COMMON SUBMISSIONS OFFERED IN THE PREVIOUS BOARD	ACTION TAKEN FOR THE ACADEMIC YEAR 2021-22.
5.	Photo Editing Techniques can be given as separate lab course.	Photo Editing Techniques were introduced as a separate course.
6.	Python Programming can be introduced as a new course	Python Programming was introduced to gain knowledge in real time applications.

CHANGE OF COURSE TITLE - 2020-2021

S.NO	OLD COURSE CODE	NEW COURSE CODE	OLD COURSE TITLE	NEW COURSE TITLE	NEED FOR CHANGE
1.	19J3SB1	19J3SB1	Quantitative Aptitude	Logical Reasoning and Data Interpretation	To make the students concentrate more on data interpretation and reasoning
2.	19PDB101	19PDB101	Computer Fundamentals and OS	Computer Fundamentals	To make the students learn the working of operating systems
3.	19PDB105	19PDB105	Web programming and Photo editing Techniques.	Web programming	To get more knowledge in website development skills.

NEW COURSES INTRODUCED - 2020-2021

S-NO	COURSE CODE	COURSE TITLE	RELEVANCE TO			SCOPE FOR #				NEED FOR INTRODUCTION
			L	R	N	U	EMP	ENT	SD	
1	21JINME	Non major ELECTIVE- ANIMATION TOOLS AND TECHNIQUES				*	#	#	#	To develop programming skills and impart animation techniques and motion movies.
	21J2NME	Non major Elective-Ani-mation Tools & Techniques.				*	#	#	#	To develop programming skills and impart animation techniques and motion movies.
	21J2SL1	OPEN SOURCE ANIMATION TOOLS				*	#	#	#	To develop programming skills and impart animation techniques and motion movies.
	21J4SLJm2	CONTENT WRITING AND VIDEO MAKING				*	#	#	#	To create content while designing web pages and looking on videos.
	21J6SL16	DATA SCIENCE				*	#	#	#	To know about R language that is widely used to do analysis and focus on research.
	21PDB106	LAB III - DESIGN Techniques.				*	#	#	#	To improve employability skills.
	19PDB202	Python programming				*	#			To gain knowledge in real time applications.

REVISED COURSES 2020-2021

S. NO	COURSE CODE	COURSE TITLE	NO. & TITLE OF UNITS REVISED WITH THE REVISED CONTENT SPECIFIED IF IT IS NOT THE WHOLE UNIT	%. OF REVISION	NEED FOR REVISION	RELEVANCE Score				
						To	*	For	#	
						L	R	N	by	EXPER. TRA 2
1.	J5CC12	JAVA PROGRAMMING	Control Statements, Inheritance, I/O Streams, Two event handling mechanism, GUI Programming.	45%	Concepts are more detailed.				*	#
2.	J5CC13	LAB-V JAVA Programming	Revision based on theory.	45%	-				*	#
3.	J5CC14	LAB-VI Dot Net Programming	Revision based on theory.	70%	-				*	##
4.	J5ME1	Dot Net Programming	Dot net Framework, VB.Net Features, Removed, VB.Net, ADO.NET.	70%	more concepts of Asp.net instead of VB.Net				*	##

2022 Onwards

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

S.NO	COURSE CODE	COURSE TITLE	DETAILS OF UPDATION
	NIL		

2. REVISION OF COURSES

S.NO	COURSE CODE	COURSE TITLE	NO. & TITLE OF UNITS REVISED WITH THE REVISED CONTENT SPECIFIED IF IT IS NOT THE WHOLE UNIT	%. OF REVISION	NEED FOR REVISION	RELEVANCE TO *				SCOPE FOR #			
						L	R	IV	Gr	EMP	ENTRE	SD	
1.	19J1CC1	Program -ming in C	III & IV - Application Implementation	10%	To know how to use the concept real time					*	#		#
2.	19J1CC2	Lab in C	Revision based on Theory.	10%	To know how to use the concept real time					*	#		#
3.	19J2CC3	Object oriented Programm-ing in C++	III & IV - Application Implementation.	10%	To know how to use the concept real time					*	#		

S. NO	COURSE CODE	COURSE TITLE	NO & TITLE OF UNITS REVISED WITH THE REVISED CONTENT SPECIFIED IF IT IS NOT THE WHOLE UNIT	%. OF REVISION	NEED FOR REVISION	RELEVANCE TO %							SCOPE FOR #		S. NO
						L	R	N	G	Em	En	St			
4.	19J2CC4	Lab in C++	Revision based on Theory	10%	To know how to use the concept real time								*	#	9.
5.	19J3CC5	Operating Systems	II - Bankers Algorithm V-Risc & CISC to be added.	10%	Get knowledge on algorithms								*	#	10.
6.	19J3CC6	Lab in Relational Database management Systems.	Include Lab programs based on real time applications.	10%	To know how to use the concept real time								*	#	
7.	19J5CC9	Software Engineering	II - Models to be added	10%	To analyze on the different kinds of models.								*	#	
8.	19J5ME1	Cloud Computing	Cloud Services and Stack - II unit	10%	To know about Services								*	#	

For Diploma

S. No	COURSE CODE	COURSE TITLE	No & TITLE OF UNITS REVISED WITH THE REVISED CONTENT SPECIFIED IF IT IS NOT THE WHOLE UNIT.	%. OF REVISION	NEED FOR REVISION	RELEVANCE TO %					SCOPE FOR #		
						L	R	N	G	EMP	ENTRE	SD	
9.	19PDB101	Computer Fundamentals	Allocation of frames and Thrashing - IV	10%	To know about thrashing						%	#	
10.	19PDB105	Lab- Web programming	Programs using JavaScript added	10%	To get knowledge on scripts						%	#	

3. New Courses Introduced - 2022-2023

NEW COURSES INTRODUCED

S.No	COURSE CODE	COURSE TITLE	RELEVANCE TO				SCOPE FOR #			NEED FOR INTRODUCTION
			L	R	N	G	EMP	ENTRE	SD	
1.	22J6SBS	Skill based - V Power-BI			*			#		To make the Students learn about the latest Collection of Software Services, apps and connections working together.

4. Introduction of purely Skill embedded Certificate/ Diploma / Advanced Diploma Value - Added Course other than the Value added course that is already being offered.

S. NO	COURSE CODE	COURSE TITLE	MOU WITH INDUSTRY/ ORGANIZATION	SKILLS SHARPENED	COURSE OUTCOME
		Value added Certificate Course Cloud computing Services.	-	Improving App development Skills Services and know about various cloud terminologies	Understand properties, methods and events of cloud services. Utilize and understand different cloud service formats. - Utilize the free and open source cloud services - Analyze the use of Virtualization

5. Approval of Ph.D Course work Syllabus - NIL

6. Rubrics for Internship / Project.

S.NO	C1 20 marks	C2 20 marks	CIA Total 40 marks	EXTERNAL 60 marks
1.				

DETAILS OF PROPOSED / SIGNED MOVS.

• L - Local

- Employability

• R - Regional

- Entrepreneurship

• N - National

- Skill Development.

• G - Global.

OTHER SUGGESTIONS :

1. In Data Mining Algorithms can be reduced
2. For E-Content Development Course practical oriented concepts can be added.
3. L/p/T - Lecture practical Tutorial concepts can be followed in the Syllabus.
4. Including latest concepts like Cloud, IoT, Networks and Information Security for PDI Diploma.

COMMENDATIONS :

1. PHP can be added in Web programming instead of Asp.
2. Online courses or Self learning course can be taken by advanced learners.
3. Latest Edition of Text books to be given and maintain the order.
4. E-books can be circulated for PDI Diploma Students.

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DEAN OF ACADEMIC AFFAIRS.

21/3/2022

7. R. Raghunathi
21/3/2022

21/3/22

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