

FATIMA COLLEGE [AUTONOMOUS]

MARY LAND

MAURAI - 625018

BOARD OF STUDIES MEMBERS FOR BCA

The board of studies meet for framing the syllabus for Bachelor of Computer Applications was held on 28.2.2020 at 10:30 am in the Department of BCA.

The members of the board were,

UNIVERSITY NOMINEE :

Dr. G. KARTHIGAI LAKSHMI,
ASSOCIATE PROFESSOR & HEAD,
DEPARTMENT OF COMPUTER SCIENCE,
VVV COLLEGE FOR WOMEN,
VIRUDHUNAGAR - 626001

ABSENT

SUBJECT EXPERT :

1. Dr. S. PADMANATHI,
PROFESSOR, DEPARTMENT OF INFORMATION TECHNOLOGY,
THIAGARAJAR COLLEGE OF ENGINEERING,
MAURAI - 625015

Padmanathi
28/02/2020

2. Dr. S. SHAJUN NISHA,
ASSISTANT PROFESSOR & HEAD,
PGI AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE
SADAKATHULLAH APPA COLLEGE,
RAHMATH NAGAR,
TIRUNELVELI.

[Signature]
28/2/2020

INDUSTRY EXPERT:

MS. L. SENTHIL LAKSHMI,
EXECUTIVE DIRECTOR,
TANDEM INFORMATICS,
MADURAI.

[Signature]

ALUMNAE:

Mrs. R. G. SOBITHA,
BUSINESS MANAGER,
BRICK STEEL TECHNOLOGIES,
NO. 12, PARVATHI PLAZA,
ELLIS NAGAR, MADURAI.

[Signature]
28/2/2020

The University nominee and Subject experts gave their suggestions on Syllabus. Based on their suggestions the following changes were made.

ACTION TAKEN: Slight changes have been carried out in 19J1CC1- programming in C, 19J2CC3- OOPS in C++, as suggested by subject experts.

I sem - 19J1CC1 - Programming in C
19J1CC2 - LAB in C

* Exceptions can be included in dynamism
- (unit VI)

II Sem :

19J2CC3 - Object Oriented Programming in C++
19J2CC4 - Lab in C++

* Reference books can be updated.

III Sem :

19J3CC5 - Operating Systems

* Kernel programming can be removed from Dynamism and Installation of OS can be included.

19J3CC6 - Lab in Relational Database Management System

* Without Theory RDBMS Lab is not suggested.

- Either Ruby, RAILS, PERL can be used.

- Implement basis of MONGODB.

- Database Connectivity - JSP, ASP can be included.

19J3SB1 - Skill Based Lab - GIMP.

* Can be renamed as Editing and Animation techniques, multimedia photoshop and flash, coreldraw can be given as separate units.

IV Sem :

19J3ACAL3 - Principles of Accounting and Accounting package along with TALLY lab

IV Sem :-

19J4CC7 - Data Structures and Algorithm.

- B and B+ trees can be included in Dynamism instead of Splay and RED tree.

19J4SB2 - Data Analysis using Spread Sheets can be introduced as Skill Based.

19JA008 - Lab in Web programming

* Server side programming can be included

19JA004 - Accounting for Decision Making

* This subject can be replaced with Content writing / Digital principles and computer Organization.

* Account subjects can be taught in one semester alone, instead of two semesters.

V Sem:

19J5009 - Software Engineering -

* Last two units can be replaced with the concept of Software Testing.

19J5010 - Java programming (J5012)

19J5011 - Lab in Java programming (J5013)

* Frameworks can be added.

* Dot Net programming (J5011)

* 19J5012 - Lab in Dot Net programming (J5014)

* VB and VB.net can be removed and C# with asp.net can be included.

J5011 - Cryptography & Network Security

* It was considered as heavy syllabus for UG and security practices can be given as title -

Cryptographic techniques, Security Breaches, Hacking techniques, Cyber Forensics and Security patches can be given as separate units.

J5ME2 - Data Mining

19J5SB3 - Quantitative Aptitude. is suggested.

VI Sem:

19J6C13 - python.

19J6C14 - Lab in python.

19J6C15 - Computer Networks (Interchanged with semester III - DS).

19J6C16 - Project.

J6ME5 - Internet of Things (IoT) -

J6ME6 - Software Testing -

* Instead of software testing Human Computer Interaction course is suggested.

19J5SB4 - E-Content development.

* This course was highly appreciated students should be encouraged to get MOOC, NPTEL Certificates.

- Bridge Course can be planned on basis of computer.

- Guest lectures can be arranged for cyber security and data analytics.

- Career Oriented Programs can be given as a part of curriculum, focus of social media should be given.

1. Dr. G. KARTHIGAI LAKSHMI ABSENT.
2. Dr. S. PADMAVATHI *Adm* 28/2/2020

3. Dr. S. SHAJUN NISHA *Sh* 28/2/2020

4. Ms. L. SENTHIL LAKSHMI *L. Senthil*

5. Mrs. R. G. SOBITHA. *SH*

6. Mrs. S. SELVA RANI *Selva*

7. Mrs. A. PUNITHA ROSLINE *A. P. Rosline*

8. Dr. G. PREETHA. *G. Preetha* 28/2/2020

9. Ms. N. DURGA *Durga*

10. Ms. A. MABLE JASMINE SHOBHA *A. Mable Jasmine Shobha*
DEAN OF ACADEMIC AFFAIRS 28/2/2020

28/02/2020