



(Autonomous - Affiliated to the University of Madras-Reaccredited as 'A' Grade by NAAC)

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Dr. T. Santhanam, M.Sc., P.G.D.C.A., Ph.D.
Principal

09/01/2018

To
The Chairperson & Head of the Department
Board of Studies in BCA,
D.G. Vaishnav College (Autonomous),
Arumbakkam,
Chennai 600 106.

Dear Sir/Madam,


Sub: Convening of Board of Studies Meeting (UG & PG) to modify the
Syllabus content- requested – reg.
Ref:No.V.3/S.1/Common Regulations/2017/344 dated 07/09/2017


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Greetings

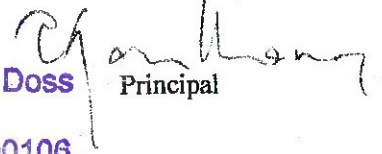
With reference to above cited letter received from University of Madras,
I request you to conduct the Board of studies meeting and adopt the 75/25 pattern (75
marks for ESE & 25 marks for CIA) from the Academic year 2018-19 onwards as per the
University Common Regulation. If any changes in the syllabus, the same to be submitted
to the office of Controller of Examinations on or before 28.02.2018.

Copy of the regulation already sent to the respective mail address on
09.09.2017.


Head
Department of Computer Application
Dwaraka Doss Goverdhan Doss
Vaishnav College (Shift II)
Arumbakkam, Chennai-600 106.


PRINCIPAL
Dwaraka Doss Goverdhan Doss
Vaishnav College
Arumbakkam, Chennai - 600106.

Yours faithfully,


Principal

MINUTES OF THE BOARD OF STUDIES MEETING

The Board of Studies meeting of B.C.A. Department is held on 09.02.2018 (Friday) at 12.30 PM in the department. The new syllabus is reviewed and scrutinized by the University nominee and subject experts from both Industry and Academic field. The revision of syllabus will be followed from the academic year 2018-2019 onwards.

MEMBERS

SIGNATURE

Dr. T. Velmurugan,
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A. Murugan
9/2/18

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Hannah Vijaykumar
9/2/18

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K. Sankar
9/2/18

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K. Subramaniyan

T. Velmurugan
Head

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D. Govardhan Doss
PRINCIPAL

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MEMBERS

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SIGNATURE

S. Sivani
9/2/18

The following is the framework of the revised syllabus with effect from the academic year 2018-2019 onwards with External-75 marks and Internal-25 marks for theory papers and for practical papers, External -60 marks and Internal-40 marks.

SEMESTER	PAPERS	PAPER NAME
I SEMESTER	Core Paper I	Fundamentals of Digital Electronics
	Core Paper II	Problem Solving Techniques
	Core Practical I	Digital Electronics Lab
	Non-Major Elective I	Contemporary Management Skills
II SEMESTER	Core Paper III	C++ Programming
	Core Paper IV	Microprocessor and its Applications
	Core Practical II	C++ Programming Lab
	Non-Major Elective II	Logical and Analytical Reasoning
III SEMESTER	Core Paper V	Java Programming
	Core Paper VI	Data Structures
	Core Paper VII	Graphics and Multimedia
	Core Practical III	Java Programming Lab
IV SEMESTER	Core Practical IV	Data Structures Lab
	Core Paper VIII	Python Programming
	Core Paper IX	Operating Systems
	Core Paper X	Software Engineering
	Core Practical V	Python Programming Lab
V SEMESTER	Core Practical VI	Operating Systems and Shell Programming Lab
	Core Paper XI	Dot Net Programming
	Core Paper XII	Database Management Systems
	Core Paper XIII	Computer Networks
	Elective 1-Paper XIV	Data Mining (or) Artificial Intelligence and Expert Systems (or) Object Oriented Analysis and Design
	Core Practical VII	Dot Net Programming Lab
VI SEMESTER	Core Practical VIII	RDBMS Lab using ORACLE
	Core Paper XV	PHP Programming
	Core Paper XVI	Mobile Application Development
	Core Paper XVII	Design and Analysis of Algorithms
	Elective 2-Paper XVIII	Operations Research (or) E-Commerce (or) Cryptography
	Core Practical IX	PHP Programming Lab
	Core Practical X	Mobile Application Development Lab

STATION : Chennai
DATE : 09.02.2018

D. Govardhan Doss
Head

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CRITERION 1 - CURRICULAR ASPECTS
1.1 CURRICULUM DESIGN & DEVELOPMENT

PROGRAMME NAME & CODE : B.C.A 07

**1.1.2 - LIST OF COURSES FOR WHICH SYLLABUS REVISION HAS BEEN CARRIED OUT AS
PER THE APPROVED MINUTES OF THE BOS MEETING HELD ON 9TH FEBRUARY 2018**

SL. NO	SEMESTER	COURSE CODE	COURSE NAME	OLD / NEW COURSE / SYLLABUS REVISION	YEAR OF INTRODUCTION - SYLLABUS REVISION & NEW COURSE
1	I	16-1707101	Fundamentals of Digital Electronics	OLD	-
2	I	16-1707102	Problem Solving Techniques	OLD	-
3	I	16-1707103	NME - I Contemporary Management Skills	OLD	-
4	II	16-1707205	Introduction to C++ Programming	OLD	-
5	II	16-1707206	Microprocessor and its Applications	OLD	-
6	II	16-1707207	NME - II Logical and Analytical Reasoning	OLD	-
7	III	16-1707309	Object Oriented Programming using C++	OLD	-
8	III	16-1707310	Multimedia	OLD	-
9	III	16-1707311	Data Structures	OLD	-
10	IV	16-1707414	Programming in Java	OLD	-
11	IV	16-1707415	Operating Systems	OLD	-
12	IV	16-1707416	Computer Architecture	OLD	-
13	V	16-1707519	Database Management Systems	OLD	-
14	V	16-1707520	Computer Networks	OLD	-
15	V	16-1707521	Computer Graphics	OLD	-
16	V	16-1707522	Elective 1 Software Engineering	OLD	-


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17	V	16-1707522	Elective 1 Object Oriented Analysis and Design	OLD	-
18	V	1407522	Elective 1 Data Mining	OLD	-
19	VI	16-1707625	.NET Programming	OLD	-
20	VI	16-1707626	PHP Programming	OLD	-
21	VI	16-1707627	Design and Analysis of Algorithms		
22	VI	16-1707628	Elective 2 Mobile Computing	OLD	-
23	VI	16-1707628	Elective 2 Client-Server Computing	OLD	-
24	VI	16-1707628	Elective 2 Operation Research	OLD	-
25	III	1807311	Graphics & Multimedia	NEW	2018-2019
26	IV	1807414	python Programming	NEW	2018-2019
27	VI	1807626	Mobile application & Development	NEW	2018-2019
28	V	1807522	Artificial Intelligence & expert Systems Elective - I	NEW	2018-2019
29	VI	1807628	E-Commerce Elective - II	NEW	2018-2019
30	VI	1807628	Cryptograpy Elective - II	NEW	2018-2019

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