

DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE
(Autonomous)
College with Potential for Excellence, Linguistic Minority Institution
Affiliated to University of Madras
Arumbakkam, Chennai – 600 106

**PG AND RESEARCH DEPARTMENT OF MASTER
OF COMPUTER APPLICATIONS (M.C.A.)**

MCA - SHIFT I – BOS

2020 - 2021



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

D.G. VAISHNAV COLLEGE (AUTONOMOUS)

DEPARTMENT OF MCA

BOARD OF STUDIES Meeting (MCA)

Minutes of the meeting of the BOS held on 22-10-2020 to pass the syllabus of Two Year MCA Programme effective from the academic year 2020-2021.

Members Present are:

- | | |
|------------------------------|--------------------|
| 1. Dr. T. SANTHANAM | Chairman |
| 2. Dr. S. GOPINATHAN | University Nominee |
| 3. Dr. T.NIRMAL RAJ | Academic Expert-1 |
| 4. Dr. V.V. RAMALINGAM | Academic Expert-2 |
| 5. Mr. MATHIVANAN ELANGO VAN | Industry Expert |
| 6. Mr. PRASHANTH PAREKH | Alumni |

The Faculty members of the Department present are:

1. Dr. T. VELMURUGAN
2. Dr. S. SANTHOSH BABOO
3. Dr. R. ANANDHI
4. Dr. K. ANGAYARKANNI
5. Dr. T. SRIDEVI
6. Ms. A.S. THENMOZHI
7. Ms. M.P. SUKASSINI

The members met and discussed in detail about the curriculum to be implemented from the academic year 2020-2021 for the Two year MCA Programme (as per AICTE direction) and its relevance to the industry requirements and employability and resolved the following:

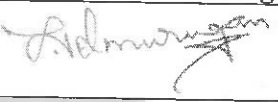
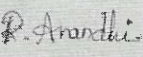
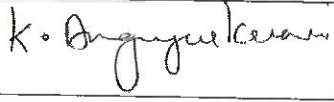
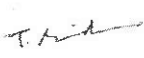
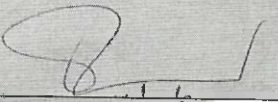
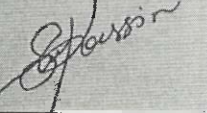
1. The suggestions given by the University nominee, academic experts, industry experts and alumni are considered.
2. Since MCA curriculum is compressed to two years from three years, Commerce subject is not be a part of MCA curriculum from the academic year 2020-2021 onwards
3. Introduction of courses relevant to industry and research is appreciated by all members.
4. Important core and elective papers are retained for the benefit of the students
5. At least one certificate course (not less than 8 weeks) offered by NPTEL at PG level is made mandatory for the students during the course of study.
6. Spoken tutorial offered by IIT-Mumbai is included in every semester. The subjects will be decided based on the offering by IIT Mumbai from time to time.
7. Statistics course is given as Non-Major Elective in first semester.
8. Any other trending courses will be included as Electives in future.

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

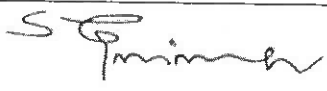

Associate Professor & Head
P.G. & Research Department of
Computer Applications
Dwaraka Doss Goverdhan Doss
Vaishnav College
Arumbakkam, Chennai - 600 106.


9. This syllabus can be continued for at least three academic years without any major changes.
10. The members unanimously approved the syllabus of MCA Curriculum.
11. The practical exposure to AI and Robotics, IOT, DEVOPS and other related technologies suggested by experts will be duly carried out to the interested students by suggesting them the courses offered online by premier institutes that will help them to upgrade their skills in the chosen domain and brighten their career prospects.


Internal Members:


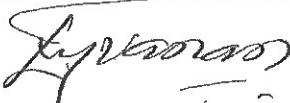

Sl.No	Faculty Name	Signature
1	Dr. T. VELMURUGAN	
2	Dr. R. ANANDHI	
3	Dr. K. ANGAYARKANNI	
4	Dr. T. SRIDEVI	
5	Ms. A.S. THENMOZHI	
6	Ms. M.P. SUKASSINI	

External Members:

1	Dr.S. Gopinathan, University Nominee, Professor, Department of Computer Science, University of Madras, Guindy Campus, Chennai-25. Mail: gnathans2002@gmail.com Mobile: 94436 27956/79048 37870	
2	Dr.T.Nirmalraj, Academic Expert-1, HOD, Department of CSA, SCSVMV, Enathur, kanchipuram 631 561. Mail: tnirmalraj@yahoo.com/tnirmalraj@kanchiuniv.ac.in Mobile: 9498028711	



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



Dwaraka Doss Goverdhan Doss
Vaishnav College
Arumbakkam, Chennai - 600 106.

3	Dr. V. V. Ramalingam, Associate Professor, Department of Computer Science and Engineering, SRMIST, Kattankulathur. Mail: ramalinv@srmist.edu.in Mobile: 9444181684/8667342625	
4	Mr. Mathivanan Elangovan, Industry Expert, Founder and CEO, MEBOT Robotics, Sholinganallur, Chennai.	
5	Mr. Prashanth Parekh, Alumni, Sr. Director – Technology, Mail: pkh_p@hotmail.com Mobile: 98402 24694	

Chairman:

1	Dr. T. Santhanam, Chairman, Associate Professor and Head, Department of MCA, D.G. Vaishnav College.	
---	--	--


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


Associate Professor & Head
F.G. & Research Department of
Computer Applications
Dwaraka Doss Goverdhan Doss
Vaishnav College
Arumbakkam, Chennai - 600 106.



DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE
(Autonomous)

College with Potential for Excellence, Linguistic Minority Institution
Affiliated to University of Madras
Arumbakkam, Chennai – 600 106

CRITERION 1- CURRICULAR ASPECTS

1.1 CURRICULUM DESIGN & DEVELOPMENT

Programme Name & Code – MCA- 29

**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 29TH FEBRUARY 2020**

SL. NO	SEMESTER	COURSE CODE	COURSE NAME	OLD / NEW COURSE / SYLLABUS REVISION	YEAR OF INTRODUCTION - SYLLABUS REVISION & NEW COURSE
1	I	17-2029101	Principles of Database Management Systems	OLD	-
2	I	17-2029102	Advanced Java Programming	OLD	-
3	I	17-2029103	Advanced Data Structures and algorithms	OLD	-
4	I	17-2029104	Operating System Concepts	OLD	-
5	I	17-2029105	NME -I - Basics of Statistics	OLD	-
6	II	17-2029209	Python for Data Science	OLD	-
7	II	17-2029210	Mobile Application Development	OLD	-
8	II	2029211	Fundamentals of Machine Learning	NEW	2020 - 2021
9	II	2029212	Mobile Communications	NEW	2020 - 2021
10	II	17-2029213(A)	Principles of Digital Image Processing	OLD	-
11	II	2029213(B)	Introduction to Multimedia	NEW	2020 - 2021
12	III	17-2029318	Introduction to Big Data Analytics	OLD	-
13	III	2029319	Dot Net Programming	NEW	2020 - 2021
14	III	17-2029320	Principles of Cloud Computing	OLD	-
15	III	17-2029321(A)	Computer Forensics and Bioinformatics	OLD	-
16	III	17-2029322(A)	Introduction to Internet of Things	OLD	-

Handwritten signature in green ink.

Dr. T. SANTHANAM
Associate Professor & Head
P.G & Research Department of
Computer Applications
Dwaraka Doss Goverdhan Doss
Vaishnav College
Arumbakkam, Chennai - 600 106.

Handwritten signature in green ink.

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