MCA 2020 syllabus copy

11.

R. 2170 Grade Card

(i) The university under its seal shall issue to the students a grade card on completion of each semester.

Grade card shall contain the following:

a. Title of the courses along with code taken by the student.
b. The credits associated with and grades awarded for each course.
c. The number of grade and grade point secured by the student.
d. The total credits earned by the student in that semester.
e. The SGPA of the student.
f. The total credits earned by the student till that semester.
g. The CGPA of the student (At the end of the IVth semester).

12.

(ii) Cumulative Grade Card

The grade card issued on completion of the programme shall contain the name of the programme, the department /school offered the programme, the titles of the courses taken, the credits associated with each course, grades awarded, the total credits earned by the student, the CGPA and the class in which the student is placed.

13.

(iii) General Clause

It may be noted that beside the above specified rules and regulations all the other rules and regulations in force and applicable to semester system in Post-Graduate courses in Dr. BabasahebAmbedkarMarathwada University will be applicable as amended from time to time by the University. The students shall abide by all such Rules and Regulations.
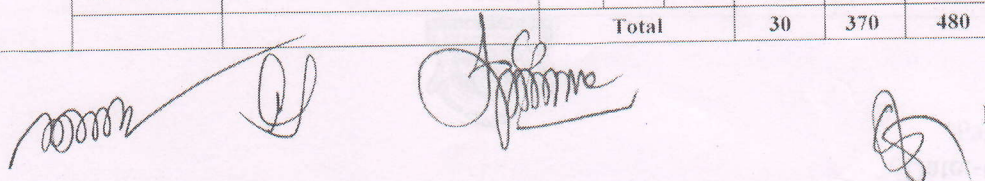
MCA Program Structure 2020

| Sem | Ref. No | Subject Title | Teaching Scheme | | | Credit | Marks | | |
			L	T	P		Int	Ext	Total
I	IC0001	Constitution of India	2	-	-	2	As per University Rules & Regulations		50
	MANC401	ASP.NET using C#	3	1	-	4	40	60	100
	MANC402	Mathematics and Probability	4		-	4	40	60	100
	MANC403	Advance Web Technology	3	1	-	4	40	60	100
	MANC404	Advance Operating System	3	1	-	4	40	60	100
	MANC405	Research Methodology	3		-	3	40	60	100
	MANC406	Yoga	2	-	-	2	50	--	50
	MANC407	Java	3	1	-	4	40	60	100
	MANC451	Advance Web Technology Lab	-	-	2	1	20	30	50
	MANC452	ASP.NET using C# Lab	-	-	2	1	20	30	50
	MANC453	Java Lab	-	-	2	1	20	30	50
					Total	30	370	480	850

New to 2020 syllabus ← (MANC401)
New ← (MANC403)
New to 2020 syllabus ← (MANC404)

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Sem	Ref. No	Subject Title	Teaching Scheme			Credit	Marks		
			L	T	P		Int	Ext	Total
II	MANC408	Programming Using Python	3	1	-	4	40	60	100
	MANC409	Object Oriented Analysis & Design	3	1	-	4	40	60	100
	MANC410	DSS & MIS	2	-	-	2	50	--	50
	MANC411	Advances in Data structure & Algorithms	3	1	-	4	40	60	100
	MANC412	Advance DBMS	3	1	-	4	40	60	100
	MANC413	Software Testing	3	1	-	4	40	60	100
	MANC42X	Elective – I	2	-	-	2	20	30	50
	MANC454	Python Lab	-	-	2	1	20	30	50
	MANC455	Advances in Data Structure & Algorithms Lab	-	-	2	1	20	30	50
	MANC456	Advance DBMS Lab	-	-	2	1	20	30	50
	MANC457	Software Testing Lab	-	-	2	1	20	30	50
	MANC458	Mini Project	-	-	4	2	50	--	50
		Total				30	400	450	850

Open Elective I

	Ref. No	Subject Title		Credit	Int	Ext	Total
	MANC421	Cloud Computing		2	20	30	50
	MANC422	Internet of Things (IOT)		2	20	30	50
Elective Course	MANC423	Cyber Security		2	20	30	50
	MANC424	Entrepreneurship Development		2	20	30	50
	MANC425	Digital Marketing		2	20	30	50
	MANC426	IT & Disaster Management		2	20	30	50
	MANC427	GIS & Remote Sensing		2	20	30	50

Sem	Ref. No	Subject Title	Teaching Scheme			Credit	Marks		
			L	T	P		Int	Ext	Total
III	MANC501	Mobile Application Development Using Android	3	1	-	4	40	60	100
	MANC502	Web Development using PHP	3	1	-	4	40	60	100
	MANC503	Data Science using Python	3	1	-	4	40	60	100
	MANC504	Optimization Techniques	3	1	-	4	40	60	100
	MANC505	Advance Networking	3	1	-	4	40	60	100
	MANC52X	Elective – II	3	1	-	4	40	60	100
	MANC551	Android Lab	-	-	2	1	20	30	50
	MANC552	PHP Lab	-	-	2	1	20	30	50
	MANC553	Data Science using Python Lab	-	-	2	1	20	30	50
	MANC554	Mini Project	-	-	4	2	50	--	50
	MANC55X	Elective – II Lab	-	-	2	1	20	30	50
		Total				30	370	480	850

Open Elective –II

Elective Course	MANC521	Advance JAVA	4	40	60	100
	MANC555	Advance JAVA Lab	2	20	30	50
	MANC522	Linux Admin & Server Config.	4	40	60	100
	MANC556	Linux Admin & Server Config. Lab	2	20	30	50
	MANC523	ASP.NET with MVC	4	40	60	100
	MANC557	ASP.NET with MVC LAB	2	20	30	50
	MANC524	Machine Learning Using R	4	40	60	100
	MANC558	Machine Learning Using R Lab	2	20	30	50

New to 2020 Syllabus ←

	Ref. No	Subject Title	Teaching Scheme			Credit	Marks		
			L	T	P		Int	Ext	Total
Sem IV	MANC506	Software Project Management	2	-	-	2	50	-	50
	MANC559	Seminar	-	2	-	2	50	-	50
	MANC560	Project	-	-		18	180	270	450
		Total				22	280	270	550

MCA Degree (Two Years Programme)		Marks		
	Credits	Int	Ext	Total
Course Total	112	--	1420	1680	3100
One Service Course	4	--	20	80	100
Grand Total	116	--	1440	1760	3200

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