RADHA GOVIND UNIVERSITY, CHANDAUSI, SAMBHAL (U.P)

"Faculty of computer Science & Application"

First Semester- Master of Computer Application (M.C.A) Scheme *(w.e.f. July-2025-26)*

S. No	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Exam.	Tests (Two)	Assignment /Quiz	End Sem. Practical / Viva	Practical Record/Quiz/Assignment /Presentation	
1.	MPROGCA101	Programming in C and data Structure	3	1	-	4	70	20	10	-	-	100
2.	MSTATCA102	Statistical Mathematics	3	1	-	4	70	20	10	-	-	100
3.	MOPERCA103	Operating System and Architecture	3	1	-	4	70	20	10	-	-	100
4.	MINFOCA104	Information Technology	3	1	-	4	70	20	10	-	-	100
5.	MCOMMCA105	Communication Skills	3	1	-	4	70	20	10	-	-	100
6	MCANDCA106	C and data Structure Lab	-	-	8	8	-	-	-	120	80	200
7.	MOPERCA107	Operating System Lab	-	-	2	2				30	20	50
		Total	**15**	**5**	**10**	**30**	**350**	**100**	**50**	**80**	**70**	**750**

L: Lecture - T: Tutorial - P: Practical

RADHA GOVIND UNIVERSITY, CHANDAUSI, SAMBHAL (U.P)

"Faculty of computer Science & Application"

Second Semester- Master of Computer Application (M.C.A)

Scheme (w.e.f. 2025-2026)

S. No	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Exam.	Tests (Two)	Assignment /Quiz	End Sem. Practical /Viva	Practical Record/ Quiz/ Assignment/ Presentation	
1.	MDBMSCA201	DBMS	3	1	-	4	70	20	10	-	-	100
2.	MCOMPCA202	Computer Network	3	1	-	4	70	20	10	-	-	100
3.	MSOFTCA203	Software Engineering and UML	3	1	-	4	70	20	10	-	-	100
4.	MALGOCA204	Algorithm Design	3	1	-	4	70	20	10	-	-	100
5.	MOBJECA205	Object oriented Programming with JAVA	3	1	-	4	70	20	10	-	-	100
6.	MJAVACA206	Java and OOPS Lab	-	-	8	8	-	-	-	120	80	200
7.	MDBMSCA207	DBMS Lab	-	-	2	2				30	20	50
		Total	**15**	**5**	**10**	**30**	**350**	**100**	**50**	**80**	**70**	**750**

L: Lecture - T: Tutorial - P: Practical

RADHA GOVIND UNIVERSITY, CHANDAUSI, SAMBHAL (U.P)

"Faculty of computer Science & Application"

Third Semester- Master of Computer Application (M.C.A)

Scheme (w.e.f. 2025-2026)

S. No.	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Exam.	Tests (Two)	Assignments/ Quiz	End Sem. Practical/ Viva	Practical Record/ Quiz/ Assignment/ Presentation	
1.	MDATACA301	Data Mining	3	1	-	4	70	20	10	-	-	100
2.	MARTICA302	Artificial Intelligence	3	1	-	4	70	20	10	-	-	100
3.	MINTRCA303	Introduction to data Science and big data **Elective – I**	3	1	-	4	70	20	10	-	-	100
4.	MMACHCA304	Machine Learning **Elective-II**	3	1	-	4	70	20	10	-	-	100
5.	MDISTCA305	Distributed Systems **Elective-III**	3	1	-	4	70	20	10	-	-	100
6.	MMINOCA306	Minor Project	-	-	8	8	-	-	-	120	80	200
7.	MINTRCA307	Introduction to data Science and big data **Elective-I Lab**	-	-	2	2				30	20	50
		Total	15	5	10	**30**	350	100	50	150	100	**750**

L: Lecture - **T: Tutorial -** **P: Practical**

Elective – I
1. Python
2. Web Technology
3. Introduction to data Science and big data

Elective-II
1.Machine Learning
2. Soft Computing
3 Internet of Things

Elective-III
1. Computer Ethics
2. Advanced Databases
3. Distributed Systems

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"Faculty of computer Science & Application"

Fourth Semester- Master of Computer Application (M.C.A)

Scheme *(w.e.f. 2025-2026)*

S. No	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Exam.	Tests (Two)	Assignments/Quiz	End Sem. Practical / Viva	Practical Record/ Quiz/ Assignment/ Presentation	
1.	MBIGDCA401	Big data with Analytics **Elective –IV**	3	1	-	4	70	20	10	-	-	100
2.	MDIGICA402	Digital marketing **Elective-V**	3	1	-	4	70	20	10	-	-	100
3.	MMOBICA403	Mobile Computing **Elective-VI**	3	1	-	4	70	20	10	-	-	100
4.	MMAJOCA404	Major Project	-	-	16	16	-	-	-	250	150	400
5.	MBIGDCA405	Big data with Analytics (Lab) **Elective –IV**	-	-	2	2	-	-	-	30	20	50
		Total	**9**	**3**	**18**	**30**	**210**	**60**	**30**	**280**	**170**	**750**

L: Lecture - T: Tutorial - P: Practical

Elective

1. Advanced Python
2. Advanced Web Technology
3. Big data with Analytics

Elective-V

1. Deep Learning
2. Cloud Computing Technologies
3 Digital marketing

Elective-VI

1. Information Security
2. Block Chain and Crypto currency
3. Mobile Computing