SARDAR PATEL UNIVERSITY, BALAGHAT
School of Computer Science and Application
Choice Based Credit System
Scheme of Examination (NEP with Option 2)

Course: Master of Computer Applications (MCA) **Semester: II**
Branch: Computer Science and Application **w.e.f Academic Session: 2025-26**

Sr. No.	Course Category	Sub Code	Subject Name	Maximum Marks Allotted				Total	Contacts Hours Per Week			Total Credit
				Theory		Practical			L	T	P	
				End Sem	Mid Sem	End Sem	Lab Work					
1	CC-21	MCA201	Data Structure and Algorithm	60	40	--	--	100	6	0	0	6
2	CC-22	MCA202	Artificial Intelligence	60	40	--	--	100	6	0	0	6
3	PC-21	MCA203P	Advance Programming in C++	--	--	60	40	100	0	0	8	4
4	PC-22	MCA204P	Web Technology	--	--	60	40	100	0	0	8	4
5	VAC-21 (Any One)	MCA205	Environment Studies	100	--	--	--	100	2	0	0	2
		MCA206	Fundamentals and Soft Skills									
			TOTAL	220	80	120	80	500	14	0	16	22

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
1 Credit	**1 Credit**	**1 Credit**

THEORY MARKS	300
PRACTICAL MARKS	200
TOTAL	**500**

THEORY CREDITS	14
PRACTICAL CREDITS	8
TOTAL	**22**

Abbreviations: CC: Core Course, PC: Practicum Course, VAC: Value Added Course.