SARDAR PATEL UNIVERSITY, BALAGHAT
School of Computer Science and Application
Choice Based Credit System
Scheme of Examination under NEP 14(1)

Course: Bachelor of Computer Applications (BCA) **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	MA	BCAMA201T	Programming in C++	70	30	--	--	100	4	0	0	4
	MA	BCAMA201P	Programming in C++ Lab	--	--	100	--	100	0	0	4	2
2	MA	BCAMA202T	Data Structure using C	70	30	--	--	100	4	0	0	4
	MA	BCAMA202P	Data Structure using C Lab	--	--	100	--	100	0	0	4	2
3	MI	BCAMI203T	Digital Electronics	70	30	--	--	100	4	0	0	4
4	AEC	BCAAEC204T	Communicative English	100	--	--	--	100	2	0	0	2
5	VAC	BCAVAC205T	Environmental Studies	100	--	--	--	100	2	0	0	2
			TOTAL	**410**	**90**	**200**	**--**	**700**	**16**	**0**	**8**	**20**

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

THEORY MARKS	500
PRACTICAL MARKS	200
TOTAL	**700**

THEORY CREDITS	16
PRACTICAL CREDITS	4
TOTAL	**20**

Abbreviations: AEC – Ability Enhancement Course, MA – Major Subject, MI – Minor Subject, SEC – Skill Enhancement Course, MDC – Multidisciplinary Course, PW – Project Work, T – Theory, P – Practical, L – Lecturer.

Note: Out of five theory subjects, two subjects will be covered through MOOC/ SWAYAM/ NPTEL as per course availability.