



Shri Vaishnav Vidyapeeth Vishwavidyalaya

Shri Vaishnav Institute of Computer Applications

Choice Based Credit System (CBCS) Scheme in the light of NEP-2020

B. Sc. (Data Science) Batch (2026-29)

SEMESTER - II

S. No.	CATEGORY	COURS E CODE	COURS E NAME	TEACHING SCHEME /			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	P		THEORY			PRACTICAL		
								End Sem Universit y Exam (60%)	Two Term Exam (20%)	Teachers Assessm ent* (20%)	End Sem Universit y Exam (60%)	Teachers Assessm ent* (40%)	
1	Major-2	BCCA205	Object Oriented Methodo logy and C++	3	1	0	4	60	20	20	0	0	100
2	Major-3	BCCA204	Data Structu	3	1	0	4	60	20	20	0	0	100
3	Minor-2	CDSMA20	Discrete Mathem atics and Algebra	4	0	0	4	60	20	20	30	20	150
4	Practical (Major- 2)	BCCA206	Programming Lab	0	0	4	2	0	0	0	30	20	50

5	Practical (Major-3)	BCCA207	Data Structures Lab In C/C++	0	0	4	2	0	0	0	30	20	50	
	AEC-2	NGAEC2	Professional Technical Writing	2	0	0	2	60	20	20	0	0	100	
8	VAC-1/ MOOCS-1	VAXXX	Value Added Course	2	0	0	2	Codes and Examination Scheme is available in the Basket of Value Added Course for Even Semester Approved by the University.					50	
TOTAL				14	2	8	20	240	80	80	90	60	600	

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

***Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed**