



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 - IV

S. No.	CATEGORY	COURSE CODE	COURSE NAME	TEACHING SCHEME /			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	P		THEORY			PRACTICAL		
								End Semester University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Semester University Exam (60%)	Teachers Assessment* (40%)	
1	Major-5	BCCA401M	Advanced C Programming	4	0	0	4	60	20	20	0	0	100
2	DSE-2	ABDA401	Basics of Computer Networks	4	0	0	4	60	20	20	0	0	100
		BCCA402	Introduction to AI										
3	Minor-4	BSCDS MA402M	Statistical Inference	4	0	0	4	60	20	20	0	0	100

4	Practical (Major-5)	BCCA401M (P)	Advanced C Programming Lab	0	0	4	2	0	0	0	30	20	50
7	AEC-4	BCCA403M	Basics of Computer Graphics and Multimedia	2	0	0	2	60	20	20	0	0	100
8	VOC / SEC-2	SEXXX		0	0	6	3	Codes and Examination Scheme is available in the Basket of SEC for Even Semester Approved by the University					50
9	PW/Ap/CE-2	PWBCA 401	Project Work II	2	0	0	2	0	0	0	30	20	50
TOTAL				16	0	10	21	240	80	80	60	40	550

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