



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Computer Applications
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
B.C.A. (AI & ML) Batch (2026-29)

SEMESTER - II

S. No.	CATEGORY	COURSE CODE	COURSE NAME	TEACHING SCHEME / WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	P		THEORY			PRACTICAL		
								End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	Major-2	BCCA205	Object Oriented Methodology and C++	3	1	0	4	60	20	20	0	0	100
2	Major-3	BCCA204	Data Structures	3	1	0	4	60	20	20	0	0	100
3	Minor-2	BCCA203N	Data Fundamentals	3	0	2	4	60	20	20	30	20	150
4	Practical (Major-2)	BCCA206	Programming Lab In C++	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
4	P	ENGAEC201	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				13	2	10	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 more than 10 marks.

Note: Students are advise to earn atleast 2 credits in open elective category from MOOCs for the award of the degree.

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Board of Studies
Shri Vaishnav

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Faculty of Studies
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