



Shri Vaishnav Vidyapeeth Vishwavidyalaya

Shri Vaishnav Institute of Computer Applications

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

Name of the Program: BCA (Artificial Intelligence and Machine Learning)

SEMESTER - II (Scheme 2025-2026)

S.No.	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	ML307	Environmental Management and Sustainability	4	0	0	4	60	20	20	—	—	100
2	BCCA202N	Mathematical Foundation of Computer Science II	3	1	0	4	60	20	20	—	—	100
3	BCCA203N	Data Fundamentals	3	0	2	4	60	20	20	30	20	150
3	BCCA204	Data Structure using C	3	1	0	4	60	20	20	—	—	100
4	BCCA205	Object Oriented Methodology and C++	3	1	0	4	60	20	20	—	—	100
5	BCCA206	Programming Lab in C++	0	0	4	2	—	—	—	30	20	50
6	BCCA207	Data Structure Lab in C/C++	0	0	4	2	—	—	—	30	20	50
			16	3	10	24	300	100	100	90	60	650

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.

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Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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