



**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 - I (Scheme 2025-26)**

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	ENG101	Foundation English	4	0	0	4	60	20	20	--	--	100
2	BCCA102N	Mathematical Foundation of Computer Science I	3	1	0	4	60	20	20	--	--	100
3	BCABDA302	Python Programming	2	0	2	3	60	20	20	30	20	150
3	BCCA104	Fundamentals of Computers and IT	3	1	0	4	60	20	20	--	--	100
4	BCCA105	Programming Methodology and C	3	1	0	4	60	20	20	--	--	100
5	BCCA106	Programming Lab using C	0	0	4	2	--	--	--	30	20	50
			15	3	6	21	300	100	100	60	40	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.

Chairperson  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

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Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Controller of Examinations  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore