



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Computer Applications**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**BCA with Big Data Analytics - IBM**

**SEMESTER - II (Scheme 2025-2026)**

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	BCABDA201N	Python Programming	2	0	2	3	60	20	20	30	20	150	
2		BCABDA203N	Agile Development and Scrum	2	0	2	3	60	20	20	30	20	150	
3		BCCA202N	Mathematical Foundation of Computer Science II	3	1	0	4	60	20	20	--	--	100	
4	Minor	BSCDS201	Data Structures	2	0	2	3	60	20	20	30	20	150	
5		ML307	Environmental Management and Sustainability	4	0	0	4	60	20	20	0	0	100	
6	GEC	GENERIC ELECTIVE		0	0	0	4	60	20	20	0	0	100	
TOTAL				13	1	6	21	360	120	120	90	60	750	

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

Chairperson  
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