



**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 (Scheme 2024-2025)**

**SEMESTER - IV**

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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	BCABDA404	Basics of Computer Networks	3	0	0	3	60	20	20	0	0	100	
2		BCABDA402	Big Data Technologies (Hadoop)	2	0	2	3	60	20	20	30	20	150	
3	Minor	BCABDA403	System Analysis and Design Concepts	3	0	0	3	60	20	20	0	0	100	
4		BCABDA401N	Fundamentals of Database Management System	2	0	2	3	60	20	20	30	20	150	
5	SEC	VC	Vocational Course	0	2	4	4	0	0	0	30	20	50	
6	GEC	GENERIC ELECTIVE		0	0	0	4	60	20	20	0	0	100	
7	GEC	MOOCI	MOOC	0	0	0	2	0	0	0	0	50	50	
TOTAL				10	2	8	22	300	100	100	90	110	700	

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical.

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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