



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. (IBM) Batch (2026-29)
SEMESTER - V

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-6	BCABDA502M	Microservices Architecture and Implementation	4	0	0	4	60	20	20	0	0	100
2	DSE-3			0	0	0	3	It is advisable to earn the credits of this course from MOOCs.					100
3	Minor-5	BCABDA503M	Spark and Hadoop for Big Data Analytics	3	0	0	3	60	20	20	0	0	100
4	Practical (Major-6)	BCABDA502M (P)	Microservices Architecture and Implementation Lab	0	0	4	2	0	0	0	30	20	50
5	DSE-4	BCCA501M	Java Programming & Technology (Core Java)	2	0	2	3	60	20	20	30	20	150
		BCCA503M	Web Designing										
6	Practical (Minor-5)	BCABDA503M (P)	Spark and Hadoop for Big Data Analytics Lab	0	0	2	1	0	0	0	30	20	50
7	AEC-5	BCABDA504M	Basics of Data Structure	2	0	0	2	60	20	20	0	0	100
8	MD/GEC-3	GEXXX		3	0	0	3	Codes and Examination Scheme is available in the Basket of Generic Elective for Odd Semester Approved by the University.					100
9	VOC/SEC-3	SEXXX		0	0	6	3	Codes and Examination Scheme is available in the Basket of SEC for Odd Semester Approved by the University.					100
10	VAC-3/ MOOCS-3	VAXXX	Value Added Course	2	0	0	2	Codes and Examination Scheme is available in the Basket of Value Added Course for Odd Semester Approved by the University.					100
11	Internship	BCABDA505M	Summer Internship	0	0	4	2	0	0	0	60	40	100
TOTAL				16	0	14	28	240	80	80	90	60	1050

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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Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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