



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 - VI

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-7	BCABDA601M	Predictive Analytics	4	0	0	4	60	20	20	0	0	100
2	Major-8	BCABDA602M	Machine Learning with Apache Spark	0	0	0	3	Credit Scheme will be as per the syllabus of the respective IBM Course					50
3	DSE 5	BCCA612M	Advanced DBMS	4	0	0	4	60	20	20	0	0	100
		BCCA602M	Internet Programming										
4	Minor-6	BCCA601	Advanced Java	3	0	0	3	60	20	20	0	0	100
5	Practical (Major-7)	BCABDA601M (P)	Predictive Analytics Lab	0	0	4	2	0	0	0	30	20	50
6	Practical (Major-8)	BCABDA602M (P)	Machine Learning with Apache Spark Lab	0	0	4	2	0	0	0	30	20	50
7	Practical (DSE-5)	BCCA612M (P)	Advanced DBMS Lab	0	0	4	2	0	0	0	30	20	50
		BCCA602M (P)	Internet Programming Lab										
8	Practical (Minor-6)	BCCA601 (P)	Advanced Java Lab	0	0	2	1	0	0	0	30	20	50
9	AEC-6	PDXXX	Personality Development - 4	2	0	0	2	60	20	20	0	0	100
10	VAC-4/ MOOCs-4	BBAI501	Human Values and Professional Ethics	3	0	0	3	60	20	20	0	0	100
11	MOOCs/ OE	BSMOOC01	MOOCs (OE)	0	0	0	2	0	0	0	50	0	50
TOTAL				16	0	14	28	300	100	100	170	80	800

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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