



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	4	0	0	4	60	20	20	0	0	100
3	DSE 5	BCCA612M	Advance DBMS	4	0	0	4	60	20	20	0	0	100
		BCCA602M	Internet Programming	4	0	0	4	60	20	20	0	0	100
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)	Advance DBMS Lab	0	0	4	2	0	0	0	30	20	50
		BCCA602M (P)	Internet Programming Lab	0	0	4	2	0	0	0	30	20	50
8	Practical (Minor-6)	BCCA601 (P)	Advanced Java Lab	0	0	2	1	0	0	0	30	20	50
9	AEC-6	BCABDA603M	Basics of Data Mining and Warehousing	2	0	0	2	60	20	20	0	0	100
10	VAC-4/ MOOCS-4	VAXXX	Human Values and Professional Ethics	2	0	0	2	Codes and Examination Scheme is available in the Basket of Value Added Course for Even Semester Approved by the University.					100
TOTAL				23	0	18	32	360	120	120	150	100	950

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.

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

Dean Academic
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore