



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 - IV

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-5	BCABDA401M	Cloud Computing Concepts	4	0	0	4	60	20	20	0	0	100
2	DSE-2	BCABDA404M	Basics of Computer Networks	4	0	0	4	60	20	20	0	0	100
		BCCA402	Introducation to Artificial Intelligence										
3	Minor-4	BCABDA402M	Big Data Technologies (Hadoop)	0	0	0	3	Credit Scheme will be as per the syllabus of the respective IBM Course					50
4	Practical (Major-5)	BCABDA401M (P)	Cloud Computing Concepts Lab	0	0	4	2	0	0	0	30	20	50
6	Practical (Minor-4)	BCABDA402M (P)	Big Data Technologies (Hadoop) Lab	0	0	2	1	0	0	0	30	20	50
7	AEC-4	PDXXX	Personality Development-2	2	0	0	2	60	20	20	0	0	100
8	VOC / SEC-2	SEXXX	Skill Enhancement Course -2	0	0	6	3	Codes and Examination Scheme is available in the Basket of SEC for Even Semester Approved by the University.					50
9	PW/Ap/CE-2	PWBCA401	Project Work II	0	0	4	2	0	0	0	30	20	50
TOTAL				10	0	16	21	180	60	60	90	60	550

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
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