



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. (AI & ML) 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	BCAAIML401	Machine Learning 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
		BCAAIML402	Introduction to UI/UX										
3	Minor-4	BCABDA402M	Big Data Technologies (Hadoop)	3	0	0	3	60	20	20	0	0	100
4	Practical (Major-5)	BCAAIML401 (P)	Machine Learning 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	AECXXX	Ability Enhancement Skills II	2	0	0	2	60	20	20	0	0	100
8	VOC / SEC-2	SEXXX	Skill Enhancement	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	Personality Development II	2	0	0	2	0	0	0	30	20	50
TOTAL				15	0	12	21	240	80	80	90	60	600

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

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Faculty of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Controller of
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Vishwavidyalaya, Indore

Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Dean Academic
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore