



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	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				13	0	16	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
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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

BCCA403M	Basics of Computer Graphics and Multimedia
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