



Shri Vaishnav'Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Computer Applications
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
Name of the Program: BCA+MCA (Banking Technology)

SEMESTER - IV (Scheme 2024-2025)

S.No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			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	BCCA401	Computer Networks	3	0	0	3	60	20	20	0
2	BCCA402	Introduction to Artificial Intelligence	4	0	0	4	60	20	20	0
3	BCCA403	Basics of Computer Graphics and Multimedia Concepts	3	0	0	3	60	20	20	0
4	BCABDDA403	System Analysis and Design Concepts	3	0	0	3	60	20	20	0
5	BCCA406	Computer Graphics and Multimedia Lab	0	0	4	2	—	—	—	30
6	BCCA407	System Analysis and Design Lab	0	0	0	4	2	—	—	20
		Generic Elective	0	0	0	4	60	20	20	—
			13	0	8	21	300	100	100	60
										40
										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.

Chairperson
 Board of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

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 Faculty of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

Controller of Examinations
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

Registrar
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore

Vice Chancellor
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
BCA with Big Data Analytics - IBM (Scheme 2024-2025)

SEMESTER - IV

S.No.	CATEGORY	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			EXAMINATION SCHEME				TOTAL MARKS	
				L	T	P	CREDITS	THEORY	PRACTICAL			
1	Major	BCABDA404	Basics of Computer Networks	3	0	0	3	60	20	20	0	100
2	Major	BCABDA402	Big Data Technologies (Hadoop)	2	0	2	3	60	20	20	0	150
3	Minor	BCABDA403	System Analysis and Design Concepts	3	0	0	3	60	20	20	0	100
4	Minor	BCABDA401N	Fundamentals of Database Management System	2	0	2	3	60	20	20	0	150
5	SEC	VC	Vocational Course	0	2	4	4	0	0	0	30	20
6	GEC		GENERIC ELECTIVE	0	0	0	4	60	20	20	0	50
7	GEC	MOOC1	MOOC	0	0	0	2	0	0	0	50	50
TOTAL				10	2	8	22	300	100	100	90	110
TOTAL				90	20	16	56	700	200	200	180	500

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical;

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