



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			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	BCCA401	Computer Networks	3	0	0	3	60	20	20	0	0	100
2	BCCA402	Introduction to Artificial Intelligence	4	0	0	4	60	20	20	-	-	100
3	BCCA403	Basics of Computer Graphics and Multimedia Concepts	3	0	0	3	60	20	20	-	-	100
4	BCABDA403	System Analysis and Design Concepts	3	0	0	3	60	20	20	-	-	100
5	BCCA406	Computer Graphics and Multimedia Lab	0	0	4	2	-	-	-	30	20	50
6	BCCA407	System Analysis and Design Lab	0	0	4	2	-	-	-	30	20	50
		Generic Elective	0	0	0	4	60	20	20	-	-	100
			13	0	8	21	300	100	100	60	40	600

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activities ; D - D

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
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Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

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Vishwavidyalaya, Indore

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Vishwavidyalaya, Indore

Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Vice-Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore



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

SEMESTER - IV

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	BCABDA404	Basics of Computer Networks	3	0	0	3	60	20	20	0	0	100	
2		BCABDA402	Big Data Technologies (Hadoop)	2	0	2	3	60	20	20	30	20	150	
3	Minor	BCABDA403	System Analysis and Design Concepts	3	0	0	3	60	20	20	0	0	100	
4		BCABDA401N	Fundamentals of Database Management System	2	0	2	3	60	20	20	30	20	150	
5	SEC	VC	Vocational Course	0	2	4	4	0	0	0	30	20	50	
6	GEC	GENERIC ELECTIVE		0	0	0	4	60	20	20	0	0	100	
7	GEC	MOOCI	MOOC	0	0	0	2	0	0	0	0	50	50	
TOTAL				10	2	8	22	300	100	100	90	110	700	

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

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

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