BCA

Course Scheme

School of Computer Science & IT

Devi Ahilya Vishwa Vidyalaya, Indore

BCA 1st Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
CS-3207	Object Oriented Programming Through C++ - I	3	1	-	6	40	-	60	100
CS-3207	Object Oriented Programming Through C++ - I - Practical	-	-	4		-	40	60	100
CS-1004	Introduction to Computer Fundamentals	2	1	0	3	40	-	60	100
CS-1019	Basic Electricals and Electronics	1	1		3	40	-	60	100
CS-1019	Basic Electricals and Electronics - Practical	-	-	2		-	50	50	100
CS-1905A	English Language Lab	-	-	2	2	50	50	-	100
IC-1924 / IC-1905	Hindi Language / English Language and Composition	1	1	0	2	40	-	60	100
CS-1101	Mathematics – 1	3	1	0	4	40	-	60	100
				Total Credit ->	20			Total Marks ->	800

BCA 2nd Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
CS-3208	Object Oriented Programming Through C++ - II	3	1		6	40		60	100
CS-3208	Object Oriented Programming Through C++ - II - Practical			4			40	60	100
CS-1501	Operating System Basics & PC Packages	2	0		3	40		60	100
CS-1501	Operating System Basics & PC Packages - Practical			2			50	50	100
CS-2020	Electronic Circuits	2	0		3	40		60	100
CS-2020	Electronic Circuits - Practical			2			50	50	100
IC-2927	Environmental Awareness	1	1	0	2	40	-	60	100
IC-1924 / IC-1905	Hindi Language / English Language and Composition	1	1	0	2	40	-	60	100
CS-1102	Mathematics- II	3	1	0	4	40	-	60	100
				Total Credit ->	20			Total Marks ->	900

BCA 3rd Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
CS-2222	Data Structure and Algorithms	3	1	-	6	40	-	60	100
CS-2222	Data Structure and Algorithms - Practical	-	-	4		-	40	60	100
CS-2301	Management Information System	2	0		3	40	-	60	100
CS-2301	Management Information System - Practical	-	-	2		-	50	50	100
CS-2133	Statistics & Probability	2	1	0	3	40	-	60	100
IC-2929	Financial Accounting Using Tally	3	1	0	4	40	-	60	100
IC-2930	Digital Marketing	3	1	0	4	40	-	60	100
	Total Credit ->				20		Total Marks ->		700

BCA 4th Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
CS-3210	JAVA Programming	3	1		6	40		60	100
CS-3210	JAVA Programming-Practical			4			40	60	100
CS-2402	Introduction to DBMS	2	0		3	40		60	100
CS-2402	Introduction to DBMS-Practical			2			50	50	100
CS-2004	Introduction to Computer Architecture	2	0		3	40		60	100
CS-2004	Introduction to Computer Architecture- Practical			2			50	50	100
IC-2504	Advanced ICT Tools	2	1		4	40	-	60	100
IC-2504	Advanced ICT Tools Practical			2			50	50	100
IC-2911	Communication Skills	3	1	0	4	40	-	60	100
	Total Credit ->				20		Total Marks ->		900

BCA 5th Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
CS-3605	Web Technology and Programming	3	1	-	6	40	-	60	100
CS-3605	Web Technology and Programming - Practical	-	-	4		-	40	60	100
CS-3604	Data and Computer Communications	3	1	0	4	40	-	60	100
CS-4305	Software Engineering	3	1	0	4	40	-	60	100
CS-3801A	Project	-	-	-	6	-	50	50	100
	Total Credit ->				20		Total Marks ->		500

BCA 6th Semester – Upcoming as per NEP 2020

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
	Total Credit ->						Total Marks ->		