			BCA 2024 Course structure						
			SEMESTER 1						
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	Т	P	S	TOTAL CONTACT HRS	CREDIT POINTS
	1	1	THEORY	<u> </u>	1	ı	1		•
1	Computer Science & Application	BCACC101	Programming Language with C	3	1	0	0	4	4
2	Computer Science & Application	BCACC102	Digital Electronics	3	1	0	0	4	4
3	Multidisciplinary	BCAMD101	Digital Marketing	3	1	0	0	4	4
4	Ability Enhancement	BCAAE101	Basic Mathematical Computation	3	1	0	0	4	4
5	Value Added Course	BCAESP101	General Studies & Current Affairs	2	0	0	0	2	2
		•	PRACTICAL					•	
6	Computer Science & Application	BCACC191	Programming Language with C	0	0	4	0	4	3
7	Multidisciplinary	BCAMD192	Digital Electronics Lab	0	0	4	0	4	3
			SESSIONAL						
8	Skill Enhancement	BCASDP181	Competitive Aptitude Training –I	0	0	0	4	2	2
9	Skill Enhancement	BCASE101	Soft Skills	0	0	0	4	2	2
			MOOCS/MAR/IFC						
10	Value Added Course	MOOCs	Massive Open Online Course	0	0	0	0	0	0
11	Value Added Course	IFC	Industry and foreign certification	0	0	0	0	0	0
12	Value Added Course	MAR	Mandatory Additional Requirements(MAR)	0	0	0	0	0	0
								30	28

			BCA 2024 Course structure						
SL NO	TYPES OF COURSE	SUB CODE	SEMESTER 2 SUB NAME	L	Т	P	S	TOTAL CONTACT HRS	CREDIT POINTS
		<b>1</b>	THEORY	l .	ı	ı	1		
1	Computer Science & Application	BCACC201	Computer Architecture	3	1	0	0	4	4
2	Computer Science & Application	BCACC202	Object oriented programming using C++	3	1	0	0	4	4
3	Computer Science & Application	BCACC203	Data Structure with C	3	1	0	0	4	4
	Multidisciplinary	BCAMD201	Discrete Structure	3	1	0	0	4	2
4	Value Added Course	BCAESP201	General Studies & Current Affairs	2	0	0	0	2	2
			PRACTICAL	<u>.</u>					•
5	Computer Science & Application	BCACC291	Data Structure with C lab	0	0	2	0	4	2
6	Computer Science & Application	BCACC292	Object oriented programming lab	0	0	2	0	4	2
	1 11	1	SESSIONAL	· ·		1		1	
7	Skill Enhancement	BCASDP281	Competitive Aptitude Training –II	0	0	0	2	2	2
8	Ability Enhancement	BCAAE201	Principles of Management	0	0	0	2	2	2
			MOOCS/MAR/IFC						
9	Value Added Course	MOOCs	Massive Open Online Course	0	0	0	0	0	0
10	Value Added Course	IFC	Industry and foreign certification	0	0	0	0	0	0
11	Value Added Course	MAR	Mandatory Additional Requirements(MAR)	0	0	0	0	0	0
								30	24

			BCA 2024 Course structure						
			SEMESTER 3						
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	Т	P	S	TOTAL CONTACT HRS	CREDIT POINTS
			THEORY						
1	Computer Science & Application	BCACC301	Design Analysis of Algorithm	3	1	0	0	4	4
2	Computer Science & Application	BCACC302	Operating System	3	1	0	0	4	4
3	Computer Science & Application	BCACC303	Python Programming	3	1	0	0	4	4
4	Ability Enhancement	BCAAE301	Environmental Studies	3	1	0	0	4	4
5	Value Added Course	BCAESP301	General Studies & Current Affairs	2	0	0	0	2	2
			PRACTICAL						
6	Computer Science & Application	BCACC391	Operating System lab	0	0	4	0	4	2
7	Skill Enhancement	BCASEC301	Python Programming with lab	0	0	4	0	4	2
			SESSIONAL						
8	Skill Enhancement	BCASDP381	Competitive Aptitude Training-III	0	0	0	2	2	2
9	Ability Enhancement	BCAAE381	Business Ethics & Corporate Governance	0	0	0	2	2	2
			MOOCS/MAR/IFC						
10	Value Added Course	MOOCs	Massive Open Online Course	0	0	0	0	0	0
011	Value Added Course	IFC	Industry and foreign certification	0	0	0	0	0	0
12	Value Added Course	MAR	Mandatory Additional Requirements(MAR)	0	0	0	0	0	0
								30	26

			BCA 2024 Course structure						
			SEMESTER 4						
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	Т	P	S	TOTAL CONTACT HRS	CREDIT POINTS
			THEORY						
1	Computer Science & Application	BCACC401	Database Management System	3	1	0	0	4	4
2	Computer Science & Application	BCACC402	Programming with Java	3	1	0	0	4	4
3	Ability Enhancement	BCAAE401	Computer Networks	3	1	0	0	4	4
4	Value Added Course	BCAESP401	General Studies & Current Affairs	2	0	0	0	2	2
			PRACTICAL						
5	Computer Science & Application	BCACC491	Database Management System lab	0	0	4	0	4	2
6	Computer Science & Application	BCACC492	Programming with Java lab	0	0	4	0	4	2
	1		SESSIONAL	<b>'</b>					•
	Skill Enhancement	BCASDP481	Competitive Aptitude Training	0	0	0	2	2	2
7	Skill Enhancement	BCASE401	Business Communication	0	0	0	2	2	2
8	Minor	BCAMS481	Accountancy	0	0	0	2	4	2
			MOOCS/MAR/IFC						
9	Value Added Course	MOOCs	Massive Open Online Course	0	0	0	0	0	0
10	Value Added Course	IFC	Industry and foreign certification	0	0	0	0	0	0
11	Value Added Course	MAR	Mandatory Additional Requirements(MAR)	0	0	0	0	0	0
								30	24

			BCA 2024 Course structure						
			SEMESTER 5						
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	Т	P	S	TOTAL CONTACT HRS	CREDIT POINTS
			THEORY	•					1
1	Computer Science & Application	BCACC501	Advance DBMS PL/SQL	3	1	0	0	4	4
2	Computer Science & Application	BCACC502	Machine learning with Python	3	1	0	0	4	4
3	Multidisciplinary	BCAMD503	Software Engineering	3	1	0	0	4	4
4	Ability Enhancement	BCAAE501	Artificial Intelligence	3	1	0	0	4	4
5	Value Added Course	BCAESP501	General Studies & Current Affairs	2	1	0	0	2	2
			PRACTICAL						
6	Computer Science & Application	BCACC591	Machine learning with Python lab	0	0	4	0	4	2
	Computer Science & Application	BCACC592	Advance DBMS PL/SQL Lab	0	0	4	0	4	2
			SESSIONAL	•				•	1
8	Skill Enhancement	BCASDP581	Competitive Aptitude Training-V	0	0	0	2	2	2
	Skill Enhancement	BCASE503	Minor Project	0	0	0	2	2	2
			MOOCS/MAR/IFC						
10	Value Added Course	MOOCs	Massive Open Online Course	0	0	0	0	0	0
11	Value Added Course	IFC	Industry and foreign certification	0	0	0	0	0	0

12	Value Added Course	MAR	Mandatory Additional Requirements(MAR)	0	0	0	0	0	0
								30	26

			BCA 2024 Course structure						
			SEMESTER 6						
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	Т	P	S	TOTAL CONTACT HRS	CREDIT POINTS
			THEORY						
1	Computer Science & Application	BCACC601	Advance DBMS PL/SQL	3	1	0	0	4	4
2	Computer Science & Application	BCACC602	NLP with Automata	3	1	0	0	4	4
3	Computer Science & Application	BCACC603	Cloud Computing	3	1	0	0	4	4
4	Value Added Course	BCAESP601	General Studies & Current Affairs	2	1	0	0	2	2
			PRACTICAL						
5	Computer Science & Application	BCACC692	NLP with Automata Lab	0	0	4	0	4	4
			SESSIONAL					•	
6	Skill Enhancement	BCASDP681	Competitive Aptitude Training	0	0	0	2	4	2
7	Skill Enhancement	BCASE603	Minor Project	0	0	0	2	4	2
8	Minor	BCAMS681	Financial Management	0	0	0	2	4	2
			MOOCS/MAR/IFC						
11	Value Added Course	MOOCs	Massive Open Online Course	0	0	0	0	0	0
12	Value Added Course	IFC	Industry and foreign certification	0	0	0	0	0	0
13	Value Added Course	MAR	Mandatory Additional Requirements(MAR)	0	0	0	0	0	0

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			BCA 2024 Course structure						
			SEMESTER 7						
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	Т	P	S	TOTAL CONTACT HRS	CREDIT POINTS
			THEORY						
1	Computer Science & Application	BCACC701	Data warehousing and Data Mining	3	1	0	0	4	4
2	Computer Science & Application	BCACC702	Image Processing with Deep Learning	3	1	0	0	4	4
			PRACTICAL						
3	Computer Science & Application	BCACC703	Data warehousing and Data Mining Lab	0	0	4	0	4	4
			SESSIONAL						•
4	Skill Enhancement	BCASE703	Research Project	0	0	0	2	2	2
5	Ability Enhancement	BCAMS781	Principles of Marketing	0	0	0	2	2	2
			MOOCS/MAR/IFC						
6	Value Added Course	MOOCs	Massive Open Online Course	0	0	0	0	0	0
7	Value Added Course	IFC	Industry and foreign certification	0	0	0	0	0	0
8	Value Added Course	MAR	Mandatory Additional Requirements(MAR)	0	0	0	0	0	0
								16	16

	BCA 2024 Course structure									
SEMESTER 8										
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	Т	P	S	TOTAL CONTACT HRS	CREDIT POINTS	
			THEORY							
1	Multidisciplinary	BCAMD801	Research Methodology	3	1	0	0	4	4	
			PRACTICAL							
			SESSIONAL				1			
2	Skill Enhancement	BCASE802	Research Project	0	0	0	2	2	2	
3	Ability Enhancement	BCAMS881	Paper Writing(LATEX)	0	0	0	2	2	2	
MOOCS/MAR/IFC										
4	Value Added Course	MOOCs	Massive Open Online Course	0	0	0	0	0	0	
5	Value Added Course	IFC	Industry and foreign certification	0	0	0	0	0	0	
6	Value Added Course	MAR	Mandatory Additional Requirements(MAR)	0	0	0	0	0	0	

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