

BCA 2024 Course structure									
SEMESTER 1									
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	T	P	S	TOTAL CONTACT HRS	CREDIT POINTS
THEORY									
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
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BCA 2024 Course structure										
SEMESTER 3										
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	T	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	
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BCA 2024 Course structure										
SEMESTER 5										
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	T	P	S	TOTAL CONTACT HRS	CREDIT POINTS	
THEORY										
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										
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
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BCA 2024 Course structure									
SEMESTER 6									
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	T	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



BCA 2024 Course structure									
SEMESTER 8									
SL NO	TYPES OF COURSE	SUB CODE	SUB NAME	L	T	P	S	TOTAL CONTACT HRS	CREDIT POINTS
THEORY									
1	Multidisciplinary	BCAMD801	Research Methodology	3	1	0	0	4	4
PRACTICAL									
SESSIONAL									
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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