



STUDY AND EVALUATION SCHEME (2023-2024)

SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS

Program:BCA

Semester:1st

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BCA 103 -[T]	Programming in C	60	20	20	0	0	0	100	2	0	0	2
2	BCA-104[T]	Environmental Science	60	20	20	0	0	0	100	2	0	0	2
3	BCA-105[T]	General English	60	20	20	0	0	0	100	2	0	0	2
4	BCA-106[T]	Discrete Mathematics	60	20	20	0	0	0	100	3	1	0	4
5	BCA101[T]	Computer Fundamentals and Applications	60	20	20	0	0	0	100	3	0	0	3
6	BCA-103[P]	Programming in C	0	0	0	60	20	20	100	0	0	2	2
7	BCA-104[P]	Environmental Science	0	0	0	60	20	20	100	0	0	1	1
8	BCA-105[P]	General English	0	0	0	60	20	20	100	0	0	1	1
9	BCA-107[P]	Office Management Tools	0	0	0	60	20	20	100	0	0	2	2
10	BCA102[P]	Web Technologies	0	0	0	60	20	20	100	0	0	2	2
Total Credits													21

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (2023-2024)

(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme:BCA(BCA)

Semester:2nd

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BCA -203(T)	Object Oriented Programming with C++	60	20	20	0	0	0	100	3	0	0	3
2	BCA- 202	Operating Systems	60	20	20	0	0	0	100	3	0	0	3
3	BCA- 204	Digital Computer Principles	60	20	20	0	0	0	100	3	1	0	4
4	BCA-201(T)	Data Structure	60	20	20	0	0	0	100	3	0	0	3
5	BCA-205	Making of Modern India	60	20	20	0	0	0	100	2	0	0	2
6	BCA -206	Computer Assembling and Repair	0	0	0	60	20	20	100	0	0	1	1
7	BCA 207	Health and Wellness	0	0	0	60	20	20	100	0	0	2	2
8	BCA-201(P)]	Data Structure	0	0	0	60	20	20	100	0	0	2	2
9	BCA-203(P)	Object Oriented Programming with C++	0	0	0	60	20	20	100	0	0	2	2
Total Credits													22

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (2023-2024)

(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme:BCA(BCA)

Semester:3rd

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BCA-301	COMPUTER SYSTEM ORGANIZATION	60	20	20	0	0	0	100	3	0	0	3
2	BCA-302(T)	Data Base Management System	60	20	20	0	0	0	100	3	0	0	3
3	BCA-303(T)	Java Programming	60	20	20	0	0	0	100	3	0	0	3
4	BCA-304	Numerical Methods	60	20	20	0	0	0	100	3	1	0	4
5	BCA-305	Entrepreneurship Development	60	20	20	0	0	0	100	3	0	0	3
6	BCA-306	Soft Skills	60	20	20	0	0	0	100	2	0	0	2
7	BCA-307	Indian Constitution	60	20	20	0	0	0	100	2	0	0	2
8	BCA-302(P)	Data Base Management System	0	0	0	60	20	20	100	0	0	2	2
9	BCA-303(P)	Java Programming	0	0	0	60	20	20	100	0	0	2	2
Total Credits													24

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (2023-2024)

(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme:BCA(BCA)

Semester:4th

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BCA 402	Software Engineering	60	20	20	0	0	0	100	3	0	0	3
2	BCA-403(T)	Python Programming	60	20	20	0	0	0	100	2	0	0	2
3	BCA-404	Computer Oriented Statistical Methods	60	20	20	0	0	0	100	3	1	0	4
4	BCA-406	Mathematical Reasoning and Aptitude	60	20	20	0	0	0	100	2	0	0	2
5	BCA-407	Universal Human Values	60	20	20	0	0	0	100	2	0	0	2
6	BCA-401(P)	Web Designing with PHP	0	0	0	60	20	20	100	0	0	3	3
7	BCA-403(P)	Python Programming	0	0	0	60	20	20	100	0	0	2	2
8	BCA-405	Minor Project	0	0	0	60	20	20	100	0	0	2	2
Total Credits													20

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (2023-2024)

(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme:BCA(BCA)

Semester:5th

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BCA 501 (T)	Netwrok Security	60	20	20	0	0	0	100	3	0	0	3
2	BCA 504	Data Communication and Networks	60	20	20	0	0	0	100	4	0	0	4
3	BCA 506	Enterprice Resource Planning	60	20	20	0	0	0	100	3	0	0	3
4	BCA 507	Democracy and Good Governance	60	20	20	0	0	0	100	3	0	0	3
5	NCC 0505(T)	NCC	60	20	20	0	0	0	100	1	0	0	1
6	BCA 501(P)	Network Security	0	0	0	60	20	20	100	0	0	1	1
7	BCA 505	Seminar	0	0	0	60	20	20	100	0	0	1	1
8	NCC 0505(P)	NCC	0	0	0	60	20	20	100	0	0	1	1
9		Elective2.	0	0	0	60	20	20	100	0	0	1	1
10		Elective2.	60	20	20	0	0	0	100	3	0	0	3
11		Elective1.	60	20	20	0	0	0	100	4	0	0	4
Total Credits												25	

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (2023-2024)
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Programme:BCA(BCA)

Semester:6th

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits	
			Theory			Practical			Total Marks	L	T	P		
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva						
1	BCA 601	Data Ware housing and mining	60	20	20	0	0	0	100	4	0	0	4	
2	BCA 604	Mobile Computing	60	20	20	0	0	0	100	4	0	0	4	
3	BCA 605 (T)	Physical Education	60	20	20	0	0	0	100	2	0	0	2	
4	BCA 607	Human Resource Management	60	20	20	0	0	0	100	2	0	0	2	
5	BCA 605(P)	Physical Education	0	0	0	60	20	20	100	0	0	1	1	
6	BCA 606	Major Project	0	0	0	60	20	20	100	0	0	2	2	
7		Elective4.	60	20	20	0	0	0	100	4	0	0	4	
8		Elective3.	0	0	0	60	20	20	100	0	0	1	1	
9		Elective3.	60	20	20	0	0	0	100	3	0	0	3	
											Total Credits			23

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (2023-2024)
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Programme:BCA(BCA)

Semester:7th

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BCA 701	Research Methodology	60	20	20	0	0	0	100	4	0	0	4
2	BCA 702	Research Publication Ethics	60	20	20	0	0	0	100	4	0	0	4
3	BCA 702	Research Publication Ethics	0	0	0	60	20	20	100	0	0	2	2
4	BCA 704	Dissertation	0	0	0	60	20	20	100	0	0	6	6
5		Elective5.	0	0	0	60	20	20	100	0	0	1	1
6		Elective5.	60	20	20	0	0	0	100	4	0	0	4
Total Credits												21	

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (2023-2024)

(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme:BCA(BCA)

Semester:8th

S.No.	Course Code	Course Name	Maximum Marks Allotted						Credits Allotted			Total Credits	
			Theory			Practical			Total Marks	L	T		P
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	BCA 801	Dissertation	0	0	0	250	75	75	400	0	0	15	15
Total Credits												15	

*Newly Added Courses

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List of Elective Subjects

Course Code	Course Name	Subject Type	Semester
C0101[P]	NCC	Elective	1st
C0101[T]	NCC	Elective	1st
C -0202 (T)	NCC	Elective	2nd
C- 0202(P)	NCC	Elective	2nd
C-0303(P)	NCC	Elective	3rd
C-0303(T)	NCC	Elective	3rd
C-0404 (T)	NCC	Elective	4th
C-404 (P)	NCC	Elective	4th
A 502(B)	Cloud Computing	Elective1	5th
A 502(C) (T)	Information Retrieval	Elective1	5th
A 502 A	AI and its Applications	Elective1.	5th
A 503(C)(P)	Ethical Hacking Fundamentals	Elective2	5th
A 503-B(P)	Data Analytics	Elective2	5th
A 503-B(T)	Data Analytics	Elective2	5th
A 503-C(T)	Ethical Hacking Fundamentals	Elective2	5th
A 503(A)(P)	Mobile Application Development	Elective2.	5th
A 503-A(T)	Mobile Application Development	Elective2.	5th
C 606(P)	NCC	Elective	6th
C0606 (T)	NCC	Elective	6th
A 602 (B)(P)	Machine Learning	Elective3	6th
A 602(B) (T)	Machine Learning	Elective3	6th
A 602(C)-T	Digital Forensic Essentials	Elective3	6th
A 602(P)	Digital Forensic Essentials	Elective3	6th
A 602 (A)(P)	Image Processing	Elective3.	6th
A 602 (A)(T)	Image Processing	Elective3.	6th
A 603 (B)	Digital MArketing	Elective4	6th
A 603-C	Computer GRaphics and Multimedia	Elective4	6th
A 603-A	Cyber Laws	Elective4.	6th
A 703 -C(P)	SOC Fundamentals	Elective5	7th
A 703- B(T)	Big Data Analytics	Elective5	7th
A 703- C(T)	SOC Fundamentals	Elective5	7th
A 703-B(P)	Big Data Analytics	Elective5	7th
A 703-A(P)	Deep Learning	Elective5.	7th
A 703-A(T)	Deep Learning	Elective5.	7th