

Semester	Subject Code	Subject	Exam Name	Semester	Subject Code	Subject
I	BCA101	Fundamentals of Computer	F.Y.B.C.A.(Science) 2019 Pattern	I	BCA111	Fundamentals of Computer
	BCA102	Basic Programming in C	F.Y.B.C.A.(Science) 2019 Pattern	I	BCA112	Problem Solving and Programming in C
	BCA103	Applied Mathematics-I	F.Y.B.C.A.(Science) 2019 Pattern			To be Continued
	BCA104	Communication Skills	F.Y.B.C.A.(Science) 2019 Pattern	I	BCA114	Business Communications
II	BCA201	Computer Organization	F.Y.B.C.A.(Science) 2019 Pattern	II	BCA121	Computer Organization
	BCA202	Advanced Programming in C	F.Y.B.C.A.(Science) 2019 Pattern	II	BCA122	Advanced C Programming
	BCA203	Applied Mathematics- II	F.Y.B.C.A.(Science) 2019 Pattern			To be Continued
	BCA204	Relational Database Management System	F.Y.B.C.A.(Science) 2019 Pattern	II	BCA124	Database Management System - I
III	BCA301	Data Structure	S.Y.B.C.A.(Science) 2019 Pattern	III	BCA231	Data Structures
	BCA302	Advanced Relational Database Management	S.Y.B.C.A.(Science) 2019 Pattern	III	BCA232	Database Management System - II
	BCA303	Software Engineering	S.Y.B.C.A.(Science) 2019 Pattern	IV	BCA243	Software Engineering
	BCA304	Introduction to Computer Network	S.Y.B.C.A.(Science) 2019 Pattern	III	BCA233	Computer Networks
IV	BCA401	C++	S.Y.B.C.A.(Science) 2019 Pattern	IV	BCA241	Object Oriented Programming and C++

	BCA402	Introduction to Web Technology	S.Y.B.C.A.(Science) 2019 Pattern	IV	BCA242	Web Technology
	BCA403	ADVANCED NETWORKING & NETWORK SECURITY	S.Y.B.C.A.(Science) 2019 Pattern	III	BCA233	COMPUTER NETWORKS
	BCA404	OOSE	S.Y.B.C.A.(Science) 2019 Pattern			To be Continued
	BCA407	GRID & CLOUD COMPUTING	T.Y.B.C.A.(Science) 2019 Pattern	V	BCA355	SEC II (CLOUD COMPUTING)
	BCA501	Java Programming	T.Y.B.C.A.(Science) 2019 Pattern	V	BCA351	Programming in Java
	BCA502	Advanced Web Technology	T.Y.B.C.A.(Science) 2019 Pattern			To be Continued
V	BCA503	SOFTWARE QUALITY ASSURANCE	T.Y.B.C.A.(Science) 2019 Pattern	VI	BCA363	Software Project Management
	BCA504	Operating System	T.Y.B.C.A.(Science) 2019 Pattern	V	BCA353	Principles of Operating System
	BCA507	SOFT COMPUTING	T.Y.B.C.A.(Science) 2019 Pattern			To be Continued
	BCA601	Android Programming	T.Y.B.C.A.(Science) 2019 Pattern	VI	BCA361	Android Programming
	BCA602	PYTHON PROGRAMMING	S.Y.B.C.A.(Science) 2019 Pattern			To be Continued
VI	BCA603	RECENT TRENDS IN - IT (INTERNET OF THINGS)	T.Y.B.C.A.(Science) 2019 Pattern	VI	BCA365	SEC IV INTERNET OF THINGS (IOT)
	BCA604	DATA ANALYTICS	T.Y.B.C.A.(Science) 2019 Pattern	V	BCA352	DSE II (DATA MINING AND DATA SCIENCE)
	BCA607	INTRODUCTION TO GREEN COMPUTING	T.Y.B.C.A.(Science) 2019 Pattern			To be Continued