

BCA Year-1 (Semester-1)

Course Code	Course Name
BCA-101	Mathematics-I
BCA-102	Programming Principle & Algorithm
BCA-103	Computer Fundamental & Office Automation
BCA-104	Principles of Management
BCA-106	Business Communication
BCA-108	Environmental Studies
BCA-105	Computer Laboratory and Practical Work of Computer Fundamental and Office Automation
BCA-107	Computer Laboratory and Practical Work of Programming Principle & Algorithm

BCA Year-1 (Semester-2)

Course Code	Course Name
BCA-201	Mathematics-II
BCA-202	C Programming
BCA-203	Organization Behavior
BCA-204	Digital Electronics and Computer Organization
BCA-205	Financial Accounting & Management
BCA-206	Computer Laboratory & Practical Work of C

BCA Year-2 (Semester-3)

Course Code	Course Name
BCA-301	Object Oriented Programming Using C++
BCA-302	Data Structure Using C&C++
BCA-303	Computer Architecture & Assembly Language
BCA-304	Business Economics
BCA-305	Elements of Statistics
BCA-306	Computer Laboratory & Practical Work of OOPS
BCA-307	Computer Laboratory & Practical Work of DS

BCA Year-2 (Semester-4)

Course Code	Course Name
BCA-401	Computer Graphics & Multimedia Applications
BCA-402	Operating System
BCA-403	Software Engineering
BCA-404	Optimization Techniques
BCA-405	Practical based on Subject Code 401
BCA-406	Mathematics III

BCA Year-3 (Semester-5)

Course Code	Course Name
BCA-501	Introduction to DBMD
BCA-502	Java Programming &Dynamic Web Page Designing
BCA-503	Computer Network
BCA-504	Numerical Methods
BCA-508	Minor Project
BCA-507	Viva-Voice on Summer Training
BCA-505	Computer Laboratory and Practical Work of DBMS
BCA-506	Computer Laboratory and Practical Work of Java Programming & Dynamic Web Page Design

BCA Year-3 (Semester-6)

Course Code	Course Name
BCA-601	Computer Network Security
BCA-602	Information System: Analysis Design &Implementation
BCA-603	E Commerce
BCA-604	Knowledge Management
BCA-605	Major Project
BCA-606	Presentation/Seminar based on Major Project