



CCS University, Meerut.
Bachelor of Computer Application
Semester – wise

Semester-1

Course Code	Course Name
BCA-101	Mathematics-1
BCA-102	Programming Principle & Algorithm
BCA-103	Computer Fundamental and Office Automation
BCA-104	Principle Of Management
BCA-105	Computer laboratory and Practical Work of Computer Fundamental and Office Automation
BCA-106	Business Communication
BCA-107	Computer laboratory and Practical Work of Programming Principle & Algorithm
BCA-108	Environmental Studies

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Semester-2

Course Code	Course Name
BCA-201	Mathematics-2
BCA-202	C-Programming
BCA-203	Organization Behaviour
BCA-204	Digital Electronics and Computer Organization Behaviour
BCA-205	Financial Accounting and Management
BCA-206	Computer laboratory and Practical Work of C

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SEMESTER -III

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 and Practical Work of OOPS
BCA-307	Computer Laboratory and Practical Work of DS

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SEMESTER -IV

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

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SEMESTER -V

Course Code	Course Name
BCA-501	Introduction to DBMS
BCA-502	Java Programming and Dynamic Webpage Design
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 Webpage Design

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SEMESTER -VI

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