

BCA Syllabus

I Semester

Indian Languages
English
Computer Fundamentals
Electronics
Electronics Lab
Programming in C Lab

II Semester

Indian Languages
English
Mathematics
OOPS using C++
Data Base Management Systems
C++ Programming Lab
DBMS Lab

III Semester

Indian Languages
English
Indian Constitution
Operating Systems
Data Structures using C
Data Structures Using C Lab
Numerical Analysis and Linear Programming
Numerical Analysis and Linear Programming Lab

IV Semester

Indian Languages
English
Environment Studies
Data Communication and Networks
Visual Programming
Unix Programming
Unix Programming – Lab
Visual Programming Lab

V Semester

Software Engineering
Computer Architecture
Banking and Insurance
Java Programming
Java Programming Lab
Soft Skills and Personality Development

VI Semester

Design and Analysis of Algorithms
System Programming
Computer Graphics
Web Programming
Web programming Lab
Main Project with viva - voce