

## The BCA programme

The BCA programme provides student with necessary skill to make successful career as it professional in competitive situation with satisfying jobs. It also prepares students with the requisite background to proceed with confidence for higher studies in the form of MCA, MIT, MS in computers, MBA, etc, and thus acquire greater competency.

The BCA course structure is spread across six semesters in three years. Each semester comprises of seven papers with a balance combination of theory and practical. The course continent is regular updated to keep peace chances in the business environment.

The BCA programme both in regular of aim and scope is very focused in its approach to preparing a student for it and other professions, either directly after graduation or after pursuing a suitable higher degree.

### THE BCA COURSE STRUCTURE

SEMESTER- I	
<b>THEORY</b>	
BCA 1001	Mathematics- I
BCA 1002	Introduction to Computer Science
BCA 1003	Programming in C
BCA 1004	Environmental Science
BCA 1005	Communication Skills/Technical English
<b>SESSIONAL</b>	
BCA 1006	C Programming Lab
BCA 1007	C Programming Lab

SEMESTER- II	
<b>THEORY</b>	
BCA 2001	Mathematics-II
BCA 2002	Data Structures & C++
BCA 2003	Database Management Systems
BCA 2004	Linux Programming
BCA 2005	Managerial Economics
<b>SESSIONAL</b>	
BCA 2006	Data Structure Lab.
BCA 2007	Database Lab

SEMESTER- III	
<b>THEORY</b>	
BCA 3001	Probability & Statistics
BCA 3002	Logic Design
BCA 3003	Electronic Commerce & Applications
BCA 3004	Programming in JAVA
BCA 3005	Programming in Visual Basic
<b>SESSIONAL</b>	
BCA 3006	Java Programming Lab
BCA 3007	VB Programming Lab

SEMESTER- IV	
<b>THEORY</b>	
BCA 4001	Scientific Computing
BCA 4002	Operating Systems
BCA 4003	Software Engineering Principles
BCA 4004	Computer Architecture & Programming
BCA 4005	Computer Graphics & Multimedia
<b>SESSIONAL</b>	
BCA 4006	Scientific Computing Lab
BCA 4007	Computer Graphics Lab

SEMESTER- V	
<b>THEORY</b>	
BCA 5001	Internet & Web Technology
BCA 5002	Advanced Database Management system
BCA 5003	Fundamentals of Computer Algorithms
BCA 5004	Fuzzy Logic and Applications
BCA 5005	Management Information System
<b>SESSIONAL</b>	
BCA 5006	Internet & Web Technology Lab
BCA 5007	Advanced Database Lab

SEMESTER- VI	
<b>THEORY</b>	
BCA6001	Data Communication and Computer Network
BCA 6002	Distributed Computing
BCA 6003	Optimization Theory
BCA 6004	Accounting and Finance Management
BCA 6005	Elective
<b>SESSIONAL</b>	
BCA 6006	Project

## **FEES PAYABLE FOR BCA PROGRAMMES**

### **Fees Payable at a Glance**

<b>Particulars</b>	<b>BCA</b>
Total fees payable at the time of admission, including the fees for first semester	32500
Fees payable for each subsequent semester	26500

### **Details of fees payable per semester and at the time of admission**

<b>A)Particulars of fees for each semester</b>	<b>BCA</b>
Tuition fee, Registration Fee, Institute Examination, Library, Teaching aids and other Student Facilities	23,500
Off-campus charges	3000
<b>Sub-total</b>	<b>26,500</b>

<b>B) Additional amount to be paid at the time of admission</b>	<b>BCA</b>
University Enrollment Fee	1000
<b>Sub-total</b>	<b>1000</b>
<b>C) Caution Money(Refundable)</b>	<b>5000</b>

<b>Grand Total to be paid at the time of admission(A+B+C)</b>	<b>32,500</b>
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