BACHELOR OF COMPUTER APPLICATIONS (BCA)

Syllabus

Semester 1

Fundamentals of IT & Computers	Digital Electronics
Basic Mathematics	English Communication
C Language Lab	-

Semester 2

Operating Systems and Fundamentals	Organizational Behaviour
C Language Advanced Concepts	Advanced Mathematics
Advanced C Programming Lab	-

Semester 3

Database Management Systems	Open Source Technology
Software Engineering	Web-Based Applications
DBMS and Web Technology Lab	-

Semester 4

Web Designing	Data Structures
Introduction to Linux	Object-Oriented Programming
Elective	-

Semester 5

Software Engineering – II	Java Programming
Python Language	eCommerce and Marketing
Elective	Advanced Java and Python Lab
Elective	-

Semester 6

Information Security	Application Development
Elective	Project/Dissertation
Artificial Intelligence	-