

Outline of Bachelor of Computer Applications

Semester I

Prog. Code	Subject Name	Credits
BCA-101	Programming Fundamentals using C	4
BCA-102	Software Constructs & Tools	4
BCA-103	Computer Platforms	4
BCA-104	Mathematics-I	4
BCA-105	Practical Lab-I	2

Semester II

Prog. Code	Subject Name	Credits
BCA-201	System Analysis	4
BCA-202	Computer Architecture	4
BCA-203	Mathematics-II	4
BCA-204	Business Flow Systems	4
BCA-205	Practical Lab-II	2

Semester III

Prog. Code	Subject Name	Credits
BCA-301	Networking	4
BCA-302	Database Management Systems	4
BCA-303	Data Structures & Algorithms	4
BCA-304	Object Oriented Programming using C++	4
BCA-305	Practical Lab-III	2

Semester IV

Prog. Code	Subject Name	Credits
BCA-401	Programming in Java	4
BCA-402	Operating Systems	4
BCA-403	Software Engineering	4
BCA-404	Principles of Management	4
BCA-405	Practical Lab-IV	2

Semester V

Prog. Code	Subject Name	Credits
BCA-501	Internet & Website Management	4
BCA-502	Computer Graphics	4
BCA-503	Visual Programming	4
BCA-504	E-Commerce	4
BCA-505	Practical Lab-V	2

Semester VI

Prog. Code	Subject Name	Credits
BCA-601	Major Project	20