

University of Pune

BCA(Science) Course Structure

First Year to be implemented from Academic Year 2016-17

SEM I	SEM II
BCA(101)Fundamentals of Computers	BCA(201)Computer Organization
BCA(102) Basic Programming in C	BCA(202)Advance Programming in 'C'
BCA(103)Applied Mathematics I	BCA(203) Applied Mathematics II
BCA (104)Communication Skills	BCA(204)Relational Database Management System
BCA(105)Lab I	BCA(205)Lab I
BCA(106) Lab II	BCA(206)Lab II
Total Credits :24	Total Credits :24

SEM III	SEM IV
BCA(301)Data Structure	BCA(401)C++
BCA(302) Advance RDBMS	BCA(402)Intro. Web Technology
BCA(303)Software Engineering	BCA(403) Advance Networking and Network Security
BCA (304)Intro. To computer Networking	BCA(404)OOSE
BCA(305)Lab I	BCA(405)Lab I
BCA(306) Lab II	BCA(406)Lab II
	BCA(407)Grid and Cloud Computing
	BCA(408) A Course in Environmental Awareness (Grade Course)
Total Credits :24	Total Credits : 26

SEM V	SEM VI
BCA(501)Core Java	BCA(601)Android Programming
BCA(502)Advance Web Technology	BCA(602)Python Programming
BCA(503)Software Quality Assurance	BCA(603) Recent Trends in IT(Internet of Things)
BCA(504) Operating System	BCA(604)Data Analytics
BCA(505)Lab I	BCA(605)Lab I
BCA(506) Lab II	BCA(606)Lab II
BCA(507)Soft Computing	BCA(607)Green Computing
Total Credits :26	Total Credits : 26