

Syllabus wef 2016 Pattern Code: P131

First Year (FY-BCA)

Semester – I

Course Code	Course Name
AEC - 001	English Communication
CMP - 501	Mathematics
CMP - 502	Problem Solving using Computers
CMP - 503	Programming using C++
CMP - 701	Lab: Mathematic Practical Index List
CMP - 702	Lab: Problem Computers Solving using Computers Practical Index List
CMP - 703	Lab: Programming using C++ Practical Index List

Semester – II

Course Code	Course Name
ENV - 121	Environmental Studies
CMP - 504	Statistics
CMP - 505	Data Structure using C++
CMP - 506	Computer Networks
CMP - 704	Lab: Statistics Practical Index List
CMP - 705	Lab: Data Structure using C++ Practical Index List
CMP - 706	Lab: Computer Networks Practical Index List

Second Year (SY-BCA)

Semester – III

Course Code	Course Name
ICT - 151	IT and E-Learning Skills
CMP - 507	Operating System
CMP - 508	Web Technologies
CMP - 509	Database Management System
CMP - 707	Lab: Operating System Practical Index List
CMP - 708	Lab: Web Technologies Practical Index List
CMP - 709	Lab: Database Management System Practical Index List

Semester – IV

Course Code	Course Name
OPN - 272	Financial and Investment Skill
CMP - 510	Computer System Architecture
CMP - 511	Software Engineering
CMP - 512	Java
CMP - 710	Lab: Computer System Architecture Practical Index List
CMP - 711	Lab: Software Engineering Practical Index List
CMP - 712	Lab: Java Practical Index List

Third Year (TY-BCA)

Semester – V

Course Code	Course Name
CMP - 332	E Commerce Technologies
CMP - 513	Advance JAVA
CMP - 514	Linux Administration
CMP - 515	Lab: E Commerce Technologies Practical Index List
CMP - 713	Lab: Advance JAVA Practical Index List
CMP - 714	Lab: Linux Administration Practical Index List

Course Code	Course Name
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OPN - 273	Personality and Career skills
CMP - 516	Android Programming
CMP - 517	PHP programming
CMP - 716	Lab: Android Programming Practical Index List
CMP - 717	Lab: PHP programming Practical Index List
CMP - 801	Project- BCA

Semester – VI