



Yashwantrao Chavan Maharashtra Open University
Dnyangangotri Near Gangapur Dam, Nashik, Pin Code-422222, Maharashtra(India)

Programme Structure Scheme

For

**Post Std 10+2,
3 Year(s) Bachelor Degree Program in**

School of Computer Science

**Bachelor of Computer Applications(P131 - B.C.A.)
(Credits System)**

**(2016 CGPA-Distance Education)
Programme Code: P131**

Publisher's Note

This Yashwantrao Chavan Maharashtra Open University has great Pleasure in publishing this programme structure for Post Std 10+2 programme for 3 Year(s) Bachelor Degree Program as "Bachelor of Computer Applications" (2016 CGPA - Distance Education) under the School of "School of Computer Science".

On behalf of the University, I thank experts and authorities of the University for the interest taken and the whole hearted co-operation extended by them in bringing out this publication.

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Yashwantrao Chavan Maharashtra Open
University, Dnyangangotri Near Gangapur Dam,
Nashik, Pin Code-422222, Maharashtra(India)

Registrar

Programme Objective(s)

1. This programme aims to produce the intellectual challenge with the excitement of an innovative and rapidly expanding information technology. This programme is intended for those learners who plan careers in computer application, in the fields that make use of computing and for those who plan postgraduate study in computer applications.

The Bachelor of Computer Applications Consists of following 3 programme part(s):

Sr.No.	Programme Part Name	Programme Part Abbreviation	Examination Pattern
1	First Year Bachelor of Computer Applications	F.Y.B.C.A	Semester
2	Second Year Bachelor of Computer Applications	S.Y.B.C.A	Semester
3	Third Year Bachelor of Computer Applications	T.Y.B.C.A	Semester

The Bachelor of Computer Applications is available in following medium of instruction/s:

1. English

Programme Part: F.Y.B.C.A Separate Passing Head: No, Min: 0, Max: 1100, Total Credits: 44.00

Term: Semester I Separate Passing Head: No, Min Courses: 7, Max Courses: 7, Min:0,Max:550, Total Credits: 22.00

The courses for F.Y.B.C.A - Semester I are classified into following groups:

1.Compulsory Group (Min Courses: 7, Max Courses: 7,
Separate Passing Head: No, Max. Marks: 550)

Select minimum 7 course(s)

Select maximum 7 course(s)

Courses:

AEC001	English Communication
CMP501	Mathematics
CMP502	Problem Solving Using Computers
CMP503	Programming Using C++
CMP701	Lab: Mathematics
CMP702	Lab: Problem Solving Using Computers
CMP703	Lab: Programming Using C++

Term: Semester II Separate Passing Head: No, Min Courses: 7, Max Courses: 7, Min:0,Max:550, Total Credits: 22.00

The courses for F.Y.B.C.A - Semester II are classified into following groups:

1.Compulsory Group (Min Courses: 7, Max Courses: 7,
Separate Passing Head: No, Max. Marks: 550)

Select minimum 7 course(s)

Select maximum 7 course(s)

Courses:

ENV121	Environmental Studies
CMP504	Statistics
CMP505	Data Structure Using C++
CMP506	Computer Networks
CMP704	Lab: Statistics
CMP705	Lab: Data Structure Using C++
CMP706	Lab: Computer Networks

Programme Part: S.Y.B.C.A Separate Passing Head: No, Min: 0, Max: 1100, Total Credits: 44.00

Term: Semester III Separate Passing Head: No, Min Courses: 7, Max Courses: 7, Min:0,Max:550, Total Credits: 22.00

The courses for S.Y.B.C.A - Semester III are classified into following groups:

1.Compulsory Group (Min Courses: 7, Max Courses: 7,
Separate Passing Head: No, Max. Marks: 550)

Select minimum 7 course(s)

Select maximum 7 course(s)

Courses:

ICT151	IT And E-Learning Skills
CMP507	Operating System
CMP508	Web Technologies
CMP509	Database Management System
CMP707	Lab: Operating System
CMP708	Lab: Web Technologies
CMP709	Lab: Database Management System

Term: Semester IV Separate Passing Head: No, Min Courses: 7, Max Courses: 7, Min:0,Max:550, Total Credits: 22.00

The courses for S.Y.B.C.A - Semester IV are classified into following groups:

1.Compulsory Group (Min Courses: 7, Max Courses: 7,
Separate Passing Head: No, Max. Marks: 550)

Select minimum 7 course(s)
Select maximum 7 course(s)

Courses:

OPN272	Financial And Investment Skills
CMP510	Computer System Architecture
CMP511	Software Engineering
CMP512	Java
CMP710	Lab: Computer System Architecture
CMP711	Lab: Software Engineering
CMP712	Lab: Java

Programme Part: T.Y.B.C.A Separate Passing Head: No, Min: 0, Max: 1100, Total Credits: 44.00

Term: Semester V Separate Passing Head: No, Min Courses: 7, Max Courses: 7, Min:0,Max:550, Total Credits: 22.00

The courses for T.Y.B.C.A - Semester V are classified into following groups:

1.Compulsory Group (Min Courses: 7, Max Courses: 7,
Separate Passing Head: No, Max. Marks: 550)

Select minimum 7 course(s)

Select maximum 7 course(s)

Courses:

CMP332	Quantitative Aptitude
CMP513	E Commerce Technologies
CMP514	Advance Java
CMP515	Linux Administration
CMP713	Lab: E Commerce Technologies
CMP714	Lab: Advance Java
CMP715	Lab: Linux Administration

Term: Semester VI Separate Passing Head: No, Min Courses: 6, Max Courses: 6, Min:0,Max:550, Total Credits: 22.00

The courses for T.Y.B.C.A - Semester VI are classified into following groups:

1.Compulsory Group (Min Courses: 6, Max Courses: 6,
Separate Passing Head: No, Max. Marks: 550)

Select minimum 6 course(s)

Select maximum 6 course(s)

Courses:

OPN273	Personality And Career Skills
CMP516	Android Programming
CMP517	PHP Programming
CMP801	Project-BCA
CMP716	Lab: Android Programming
CMP717	Lab: PHP Programming