



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 Science in (Computer System  
Administration)(P134 - B.Sc.(Computer System Administration))  
(Credits System)**

**(2016 CGPA-Distance Education)  
Programme Code: P134**

### 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 Science in (Computer System Administration)" (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.

Date: 8/16/2016 4:50:53 PM

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

Registrar

**Programme Objective(s)**

1. B.Sc. in Computer System Administration programme has been specially designed for young aspiring professionals who want to pursue a bright career in IT infrastructure and support industry.

**The Bachelor of Computer Science in (Computer System Administration) Consists of following 3 programme part(s):**

Sr.No.	Programme Part Name	Programme Part Abbreviation	Examination Pattern
1	First Year Bachelor of Science in (Computer System Administration)	First Year B.Sc.(CSA)	Semester
2	Second Year Bachelor of Science in (Computer System Administration)	Second Year B.Sc.(CSA)	Semester
3	Third Year Bachelor of Science in (Computer System Administration)	Third Year B.Sc.(CSA)	Semester

**The Bachelor of Computer Science in (Computer System Administration) is available in following medium of instruction/s:**

1. English

**Programme Part: First Year B.Sc.(CSA)** 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 First Year B.Sc.(CSA) - 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:

CSA111	Business Communication - 1
CSA112	Introduction To IT Hardware
CSA113	Introduction to IT Networks
CSA114	IT Skills - Basics
CSA115	Troubleshooting It Hardware
CSA116	Troubleshooting It Network
CSA117	Lab: IT Skills - Basics

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

**The courses for First Year B.Sc.(CSA) - 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 Science
CSA211	Computer Security Basics
CSA212	Desktop Operating Systems
CSA213	Managing And Maintaining Desktop OS
CSA214	Lab: Computer Security Basics
CSA215	Lab: Desktop Operating Systems
CSA216	Lab: Managing And Maintaining Desktop Os

**Programme Part: Second Year B.Sc.(CSA)** 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 Second Year B.Sc.(CSA) - 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:

CSA311	Business Communication - 2
CSA312	Configuring Windows 7
CSA313	Managing And Maintaining Windows 7
CSA314	Configuring Windows Server 2008
CSA315	Lab: Configuring Windows 7
CSA316	Lab: Managing And Maintaining Windows 7
CSA317	Lab: Configuring Windows Server 2008

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

**The courses for Second Year B.Sc.(CSA) - Semester IV are classified into following groups:**

<b>1.Compulsory Group</b> (Min Courses: 7, Max Courses: 7, Separate Passing Head: No, Max. Marks: 550) Select minimum 7 course(s) Select maximum 7 course(s) Courses:	
CSA411	IT Infrastructure Support Services
CSA412	Configuring Windows Server 2008 Active Directory
CSA413	Configuring Windows Server 2008 Network Infrastructure
CSA414	Managing And Maintaining Windows Server 2008 Network Infrastructure
CSA415	Lab: Configuring Windows Server 2008 Active Directory
CSA416	Lab: Managing And Maintaining Windows Server 2008 Active Directory
CSA417	Lab: Managing And Maintaining Windows Server 2008 Network Infrastructure

**Programme Part: Third Year B.Sc.(CSA)** 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 Third Year B.Sc.(CSA) - Semester V are classified into following groups:**

<b>1.Compulsory Group</b> (Min Courses: 7, Max Courses: 7, Separate Passing Head: No, Max. Marks: 550) Select minimum 7 course(s) Select maximum 7 course(s) Courses:	
CSA511	Soft Skills Part I
CSA512	Red Hat Linux Basic Administration
CSA513	Configuring And Maintaining Red Hat Linux Systems
CSA514	Red Hat Linux Advanced Administration
CSA515	Lab: Administering Red Hat Linux Systems-1
CSA516	Lab: Administering Red Hat Linux Systems-2
CSA517	Lab: Administering Red Hat Linux Systems-3

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

**The courses for Third Year B.Sc.(CSA) - Semester VI are classified into following groups:**

<b>1.Compulsory Group</b> (Min Courses: 6, Max Courses: 6, Separate Passing Head: No, Max. Marks: 550) Select minimum 6 course(s) Select maximum 6 course(s) Courses:	
CSA611	Soft Skills Part II
CSA612	Ethical Hacking
CSA613	Advanced Security Practices
CSA614	Lab: Ethical Hacking
CSA615	Lab: Advanced Security Practices
CSA616	Project