

*Progressive Education Society's*  
**Modern College of Arts, Science and Commerce,  
Shivajinagar, Pune-05**

**(An Autonomous College Affiliated to Savitribai Phule Pune University)**

**Framework of Syllabus**

**For**

**B.B.A. (C.A.)**

**(2019-20 Course)**

**(With effect from 2019-20)**

## BBA (CA) Semester 1

Course Type	Course Code	Course / Paper Title	Hours/Week	Credit	CIA	End Sem Exam	Total
CCT-1	19BaBbcU101	Programming Principles & Algorithms (PPA) and Computer fundamentals	4	3	40	60	100
CCT-2	19BaBbcU102	Procedure Oriented Programming using C Language	4	3	40	60	100
CCT-3	19BaBbcU103	Financial Accounting	4	3	40	60	100
CCT-4	19BaBbcU104	Basics of Web designing (HTML)	4	3	40	60	100
CCT-5	19BaBbcU105	Principles of Management	4	3	40	60	100
CCT-6	19BaBbcU106	Practical: Computer Fundamentals + MS office+ HTML	2	2	40	60	100
CCT-7	19BaBbcU107	Practical: PPA + C language.	2	2	40	60	100
CCT-8	19BaBbcU108	Certificate Course: MOOC:Tally	online	3	-	-	100
		<b>Total</b>	24	22	280	420	800

## BBA (CA) Semester 2

Course Type	Course Code	Course / Paper Title	Hours/Week	Credit	CIA	End Sem Exam	Total
CCT-1	19BaBbcU201	Data structure using C Language	4	3	40	60	100
CCT-2	19BaBbcU202	Data Base Management System	4	3	40	60	100
CCT-3	19BaBbcU203	Business Statistics	4	3	40	60	100
CCT-4	19BaBbcU204	Organizational behavior	4	3	40	60	100
CCT-5	19BaBbcU205	E-commerce concepts	4	3	40	60	100

Course Type	Course Code	Course / Paper Title	Hours/Week	Credit	CIA	End Sem Exam	Total
CCT-6	19BaBbcU206	Practical: Data structure using C Language	2	2	40	60	100
CCT-7	19BaBbcU207	Practical: Data Base Management System	2	2	40	60	100
CCT-8	19BaBbcU208	Certificate Course: MOOC: Digital Marketing	online	3	-	-	100
		<b>Total</b>	<b>24</b>	<b>22</b>	<b>280</b>	<b>420</b>	<b>800</b>

### BBA (CA) Semester 3

Course Type	Course Code	Course / Paper Title	Hours/Week	Credit	CIA	End Sem Exam	Total
CCT-1	19BaBbcU301	Object oriented programming using C++	4 lect/week	3			
CCT-2	19BaBbcU302	Relational Database Management Systems (RDBMS)	4 lect/week	3			
CCT-3	19BaBbcU303	Quantitative Techniques	4 lect/week	3			
CCT-4	19BaBbcU304	Business Application (HRM, Marketing, Production and Operation Management)	4 lect/week	3			
CCT-5	19BaBbcU305	Software Engineering	4 lect/week	3			
CCT-6	19BaBbcU306	Practical: C++	2LectHrs / week	2			
CCT-7	19BaBbcU307	Practical: RDBMS	2LectHrs / week	2			
AECC-1	19BaBbcU308	Environmental Science - I		1			
AECC-2	19BaBbcU309	Business Communication - I		2.5			
		<b>Total</b>		<b>22.5</b>			

## BBA (CA) Semester 4

Course Type	Course Code	Course / Paper Title	Hours/Week	Credit	CIA	End Sem Exam	Total
CCT-1	19BaBbcU401	Data Mining and Data Warehousing	4	3			
CCT-2	19BaBbcU402	C#.NET	4	3			
CCT-3	19BaBbcU403	Concepts of Operating system	4	3			
CCT-4	19BaBbcU404	Object oriented Software Engineering	4	3			
CCT-5	19BaBbcU405	Computer networks	4	3			
CCT-6	19BaBbcU406	Practical: Object oriented Software Engineering	2	2			
CCT-7	19BaBbcU407	Practical: C#.NET	2	2			
		<b>Total</b>		<b>22.5</b>			

## BBA (CA) Semester 5

Course Type	Course Code	Course / Paper Title	Hours/Week	Credit	CIA	End Sem Exam	Total
DEC-1	19BaBbcU501	Java programming	4	3			
DEC-2	19BaBbcU502	Web technology	4	3			
DEC-3	19BaBbcU503	Information System security	4	3			

DEC-4	19BaBbcU504	Software Project Management	4	3			
SEC-1	19BaBbcU505	Practical: Java programming	4	2			
SEC-1	19BaBbcU506	Practical: Web technology	2	2			
DEC-5	19BaBbcU507	Project	2	2			
DEC-6	19BaBbcU508	Certificate Course: <b>MOOC:</b> Artificial Intelligence	Online	3			
		<b>Total</b>		<b>21</b>			

## BBA (CA) Semester 6

Course Type	Course Code	Course / Paper Title	Hours/Week	Credit	CIA	End Sem Exam	Total
DEC-1	19BaBbcU601	Advanced Java	4	3	40	60	100
DEC-2	19BaBbcU602	Recent trends in IT	4	3	40	60	100
DEC-3	19BaBbcU603	Mobile Application Development (Android)	4	3	40	60	100
DEC-4	19BaBbcU604	Software testing	4	3	40	60	100
SEC-1	19BaBbcU605	Practical: Advanced Java	2	2	40	60	100
SEC-1	19BaBbcU606	Practical: Android	2	2	40	60	100
DEC-5	19BaBbcU607	Project	2	2	40	60	100
DEC-6	19BaBbcU608	Certificate Course: <b>MOOC</b> : Cloud computing	Online	3	-	-	100
		<b>Total</b>	<b>22</b>	<b>21</b>	<b>280</b>	<b>420</b>	<b>800</b>