

Syllabus structure for the course of Bachelor of Computer Application [BCA]

[Under the Faculty of Commerce]

Course Structure

Semester – I (w.e.f A.Y. 2013-14)

Paper No.	Name of the subject	Marks			No. of sessions per week	
		Int.	Uni.	Total	Th.	Pract.
101	Modern Operating Environment & MS Office	20	80	100	4	-
102	Financial Accounting	20	80	100	4	
103	Programming Principal & Algorithms	20	80	100	4	
104	Business Communication	20	80	100	4	
105	Principles of Management	20	80	100	4	
106	Laboratory Course – I [Based on Paper No. 101 & 102]	-	100	100	-	4
Total		100	500	600	20	4

Semester – II (w.e.f A.Y. 2013-14)

Paper No.	Name of the subject	Marks			No. of sessions per week	
		Int.	Uni.	Total	Th.	Pract.
201	Procedure Oriented Programming using C	20	80	100	4	-
202	Data Base Management System	20	80	100	4	
203	Organizational Behavior	20	80	100	4	
204	Computer Applications in Statistics	20	80	100	4	
205	E-Commerce Concepts	20	80	100	4	
206	Laboratory Course – II [Based on Paper No. 201 & 202]	-	100	100	-	4
Total		100	500	600	20	4

Semester – III (w.e.f A.Y. 2014-15)

Paper No.	Name of the subject	Marks			No. of sessions per week	
		Int.	Uni.	Total	Th.	Pract.
301	Relational Database Management Systems	20	80	100	4	-
302	Data Structures using C	20	80	100	4	
303	Operating System Concepts	20	80	100	4	
304	Business Mathematics	20	80	100	4	
305	Software Engineering	20	80	100	4	
306	Laboratory Course – III [Based on Paper No. 301 and 302]	-	100	100	-	4
Total		100	500	600	20	4

Semester – IV (w.e.f A.Y. 2014-15)

Paper No.	Name of the subject	Marks			No. of sessions per week	
		Int.	Uni.	Total	Th.	Pract.
401	OOP's using C++	20	80	100	4	-
402	Programming in Visual Basic	20	80	100	4	-
403	Computer Networking	20	80	100	4	-
404	Enterprise Resource Planning	20	80	100	4	-
405	Human Resource Management	20	80	100	4	-
406	Laboratory Course – IV [Based on Paper No. 401 & 402]	-	100	100	-	4
Total		100	500	600	20	4

Semester - V(w.e.f A.Y. 2015-16)

Paper No.	Name of the subject	Marks			No. of sessions per week	
		Int.	Uni.	Total	Th.	Pract.
501	Java Programming	20	80	100	4	-
502	Web Technologies	20	80	100	4	
503	Dot Net Programming	20	80	100	4	
504	Object Oriented Software Engg.	20	80	100	4	
505	Software Project – I [Based on C++ / VB Technology]	-	100	100	-	4
506	Laboratory Course – V [Based on Paper No. 501 & 502]	-	100	100	-	4
Total		80	520	600	16	8

Semester – VI (w.e.f A.Y. 2015-16)

Paper No.	Name of the subject	Marks			No. of sessions per week	
		Int.	Uni.	Total	Th.	Pract.
601	Advanced Web Technologies	20	80	100	4	-
602	Advanced Java	20	80	100	4	
603	Recent Trends in IT	20	80	100	4	
604	Software Testing	20	80	100	4	
605	Software Project – II [Java / Dot net Technology]	-	100	100	-	4
606	Laboratory Course – VI [Based on Paper No. 601 & 602]	-	100	100	-	4
Total		80	520	600	16	8