



Bachelor of Computer Application

PROGRAMME STRUCTURE

Semester I

Paper Code	Title	Hrs/week		Credit		Total Credit	Marks ESE	Practical	Marks CE	Total Marks
		L/T	PR	L/T	PR					
BCA101	Foundation course in English	3	-	3	-	3	70	-	30	100
BCA102	Business Organization	3	-	3	-	3	70		30	100
BCA103	Maths-I	3	-	3	-	3	70		30	100
BCA104	Foundation of Management	3	-	3	-	3	70		30	100
BCA105	Fundamental of Computer and Skills	3	2	3	1	4	70	50	30	150
BCA106	Programming in C-1	4	4	4	2	6	70	50	30	150
BCA107	Digital Electronics	4	-	4	-	4	70	-	30	100
BCA108	Introduction to Multimedia	3	2	3	1	4	70	-	30	100
	Total	26	8	26	4	30	560	100	240	900

Semester II

Paper Code	Title	Hrs/week		Credit		Total Credit	Marks ESE	Practical	Marks CE	Total Marks
		L/T	PR	L/T	PR					
BCA201	Communication Skills	2	-	2	-	2	70		30	100
BCA202	Maths-II	4	-	4	-	4	70		30	100
BCA203	Accountancy	2	-	2	-	2	70		30	100
BCA204	Foreign Language - French I	2	-	2	-	2	70		30	100
BCA205	Environmental Studies	2	-	2	-	2	70		30	100
BCA206	Programming in C-2	4	4	4	2	6	70	50	30	150
BCA207	Computer Organization	4	4	4	2	6	70	-	30	100
BCA208	Internet and Web Tech- 1	4	4	4	2	6	70	50	30	150
	Total	24	12	24	6	30	560	100	240	900

Semester III

Paper Code	Title	Hrs/week		Credit		Total Credit	Marks ESE	Practical	Marks CE	Total Marks
		L/T	PR	L/T	PR					
BCA301	Systems Analysis and Design	4		4		4	70		30	100
BCA302	Management Information System	4		4		4	70		30	100
BCA303	System Software	4		4		4	70		30	100
BCA304	Data and File Structures Through C	3	2	3	1	4	70	50	30	150
BCA305	Introduction to Database Management Systems	3	2	3	1	4	70	-	30	100
BCA306	Programming in C++	3	2	3	1	4	70	50	30	150
BCA307	Operating Systems	3	-	3	-	3	70	-	30	100
BCA308	Industrial training Report & Presentation-I	-	6	-	3	3	100	-	-	100
	Total	24	12	24	6	30	590	100	210	900

Semester IV

Paper Code	Title	Hrs/week		Credit		Total Credit	Marks ESE	Practical	Marks CE	Total Marks
		L/T	PR	L/T	PR					
BCA401	Statistical Techniques	4		4		4	70		30	100
BCA402	Computer Graphics	3		3		3	70		30	100
BCA403	Introduction to Algorithm Design	3		3		3	70		30	100
BCA404	Managerial Personality Development and Business Communication	2		2		2	70		30	100
BCA405	Fundamentals of Web Programming Using Java	3	2	3	1	4	70	25	30	125
BCA406	Fundamentals of Computer Networks	4	-	4	-	4	70	-	30	100
BCA407	Internet and Web Tech -II	3	2	3	1	4	70	25	30	125
BVITSD 408	Linux Programming	3	2	3	1	4	70	25	30	125
BVITSD 409	Oracle	1	2	1	1	2	70	25	30	125
	Total	26	8	26	4	30	630	100	270	1000

Semester V

Paper Code	Title	Hrs/week		Credit		Total Credit	Marks ESE	Practical	Marks CE	Total Marks
		L/T	PR	L/T	PR					
BCA501	Software Engineering	4		4		4	70		30	100
BCA502	Computer Oriented Numerical Techniques	4		4		4	70		30	100
BCA503	Foreign Language- French-II	4		4		4	70		30	100
BCA504	PHP and Dreamweaver	3	2	3	1	4	70	50	30	150
BCA505	Advance Computer Networks	3	-	3	-	3	70	-	30	100
BCA506	Web Programming	3	2	3	1	4	70	50	30	150
BCA507	Dot Net Programming	3	2	3	1	4	70	50	30	150
BCA508	Industrial training Report & Presentation-I	-	6	-	3	3	100	-	-	100
	Total	24	12	24	6	30	590	150	210	950

Semester VI

Paper Code	Title	Hrs/week		Credit		Total Credit	Marks ESE	Practical	Marks CE	Total Marks
		L/T	PR	L/T	PR					
BCA601	E-Commerce	4		4		4	70		30	100
BCA602	Data Warehousing and Data Mining	4		4		4	70		30	100
BCA603	Computer Network Security	4		4		4	70		30	100
BCA604	Operating System Concepts and Networking & Management	4	4	4	2	6	70	-	30	100
BCA605	Artificial Intelligence	4	2	4	1	5	70	-	30	100
BCA606	Mobile Communication	5	-	5	-	5	70	-	30	100
BCA607	Final Project	-	4	-	2	2	100	-	-	100
	Total	25	10	25	5	30	520		180	700