

School of Computer Application
Bachelor of Computer Application (B.C.A.)

Semester 1 (BCA)											
Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
13030101	Introduction to Computer and Emerging Technologies	3	2	0	2	4	30	50	70	-	150
13030102	Logic Development and Programming - I	5	3	0	4	7	30	50	70	-	150
13030103	Internet Web Designing - I	5	3	0	4	7	30	50	70	-	150
13030104	Descret Mathamatics	4	3	2	0	5	30	50	70	-	150
13030105	Communication Skills	2	2	0	0	2	30	-	70	-	100
23000007	Introduction to Enterpreniurship	2.5	2	1	0	3	20	30	20	30	100
	Total	21.5	15	3	10	28	170	230	370	30	800

Semester 2 (BCA)											
Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
13030201	Statistical Method and Operation Research	4	3	2	0	5	30	50	70	-	150
13030202	Logic Development and Programming - II	4	3	0	2	5	30	50	70	-	150
13030203	Database Management System	5	3	0	4	7	30	50	70	-	150
13030204	Internet Web Designing - II	4	3	0	2	5	30	50	70	-	150
13030205	Digital Electronics	4	3	0	2	5	30	50	70	-	150
23000013	Introduction to Innovation & Ideation	2.5	2	1	0	3	20	30	20	30	100
	Total	23.5	17	3	10	30	170	280	370	30	850

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Semester 3 (BCA)

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
13030301	Data and File Structure	4	3	0	2	5	30	50	70	-	150
13030302	Relational Data Base Management System	4	3	0	2	5	30	50	70	-	150
13030303	Operating System	4	3	0	2	5	30	50	70	-	150
13030304	Object Oriented Programming – I	5	3	0	4	7	30	50	70	-	150
13030305	Software Engineering	4	3	0	2	5	30	50	70	-	150
23000014	Entrepreneural Motivation	2.5	2	1	0	3	20	30	20	30	100
	Total	23.5	17	1	12	30	170	280	370	30	850

Semester 4 (BCA)

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
13030401	Object Oriented Programming – II	6	4	0	4	8	30	50	70	-	150
13030402	Open Source Technology	4	3	0	2	5	30	50	70	-	150
13030403	Object Oriented Web Technology	4	3	0	2	5	30	50	70	-	150
13030404	Data Communication and Network	4	3	0	2	5	30	50	70	-	150
13030405	Data Center Management	4	3	0	2	5	30	50	70	-	150
23000017	Project Feasibility & Marketing Skills	2.5	2	1	0	3	20	30	20	30	100
	Total	24.5	18	1	12	31	170	280	370	30	850

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Semester 5 (BCA)

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
13030501	Object Oriented Programming – III	4	3	0	2	5	30	-	70	50	150
13030502	Object Oriented Analysis and Desgin	5	4	0	2	6	30	-	70	50	150
	Elective – I	4	3	0	2	5	30	-	70	50	150
13030503	Software Delpoment Project-I	10	0	0	10	10	-	50	-	100	150
23000020	Scaling up the Venture (Family Business)	2.5	2	1	-	3	20	30	20	30	100
	Total	25.5	12	1	16	29	110	80	230	280	700

Subject Code	Elective I
13030504	Android Programming
13030505	Business Data Analytics
13030506	Advance Networking

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Semester 6 (BCA)

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
13030601	Cyber Security	4	3	0	2	5	30	-	70	50	150
13030602	Cloud Computing	4	3	0	2	5	30	-	70	50	150
	Elective – II	4	3	0	2	5	30	-	70	50	150
13030603	Software Developoment Project-II	12	0	0	12	12	-	100	-	200	300
23000021	Idea to MVP	2.5	2	1	-	3	20	30	20	30	100
	Total	26.5	11	1	18	30	110	130	230	380	850

Subject Code	Elective II
13030604	iOS Programming
13030605	Data Warehousing and Data Mining
13030606	Wireless Sensor Network

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