B.C.A. – PROGRAMME STRUCTURE

Sem.	Part	Course Code	Title of the Course	Cr.	Hrs./ Week	Marks Int.	Marks Ext.	Total
I	I	711T	**Tamil/other languages – I**	3	6	25	75	100
	II	712E	**English – I**	3	6	25	75	100
	III	7BCA1C1	**Core – I** – C and Data Structure	4	6	25	75	100
		7BCA1P1	**Core–II**–C and Data Structure Lab	4	6	**40**	**60**	100
			Allied – I (Theory only) **(or)**	5	5	25	75	100
			Allied – I (Theory cum Practical)	4	3	15	60	75
			Allied Practical – I	-	2**	--	--	---
	IV	7NME1A / 7NME1B / 7NME1C	**(1) Non-Major Elective – I** –**(A)**தமிழ் மொழியின் அடிப்படைகள் **(B)** இக்கால இலக்கியம் **(C)** Communicative English	2	1	25	75	100
			Total (Allied Theory only)	21	30	--	--	600
			Total (Allied Theory cum Practical)	20				575
II	I	721T	**Tamil/other languages – II**	3	6	25	75	100
	II	722E	**English – II**	3	6	25	75	100
	III	7BCA2C1	**Core – III** – Programming in C++	4	6	25	75	100
		7BCA2P1	**Core –IV** –Programming in C++ Lab	4	5	**40**	**60**	100
			Allied – II (Theory only) **(or)Allied– II** (Theory cum Practical)	5	5	25	75	100
				4	3	15	60	75
			Allied Practical – I	2	2	20	30	50
	IV	7BES2	**(3) Environmental Studies**	2	2	25	75	100
			Total (Allied Theory only)	21	30	--	--	600
			Total (Allied Theory cum Practical)	22				625
III	I	731T	**Tamil/other languages – III**	3	6	25	75	100
	II	732E	**English – III**	3	6	25	75	100
		7BCA3C1	**Core – V** – Database Management Systems	4	5	25	75	100

	III	7BCA3P1	**Core – VI** – Oracle Lab	4	5	**40**	**60**	100
			Allied – III (Theory only) **(or)** **Allied–III** (Theory cum Practical)	5	5	25	75	100
				4	3	15	60	75
			Allied Practical – II	-	2**	--	--	---
	IV	7NME3A / 7NME3B / 7NME3C	**(1) Non-major Elective – II** – (A) இலக்கியமும்மொழிப்பயன்பாடும் (B) பழந்தமிழ் இலக்கியங்களும் இலக்கியவரலாறும் (C) Effective Employability Skills	2	1	25	75	100
		7SBS3A1/ 7SBS3A2/ 7SBS3A3	**(2) Skill Based Subjects – I**	2	2	25	75	100
	V	7BEA3	**Extension Activities**	1	-	100	-	100
			Total (Allied Theory only)	24	30	--	--	800
			Total (Allied Theory cum Practical)	23				775
IV	I	741T	**Tamil/other languages – IV**	3	6	25	75	100
	II	742E	**English – IV**	3	6	25	75	100
	III	7BCA4C1	**Core – VII** – Java Programming	4	4	25	75	100
	III	7BCA4P1	**Core–VIII–**Java Programming Lab	4	5	**40**	**60**	100
	III		**Allied – IV**(Theory only) **(or) Allied–IV** (Theory cum Practical)	5	5	25	75	100
				4	3	15	60	75
			Allied Practical - II	2	2	20	30	50
	IV	7SBS4B1/ 7SBS4B2/ 7SBS4B3	**(2) Skill Based Subjects – II**	2	2	25	75	100
		7BVE4/ 7BMY4/ 7BWS4	**(4) Value Education / Manavalakalai Yoga / Women's Studies**	2	2	25	75	100
			Total (Allied Theory only)	23	30	--	--	700
			Total (Allied Theory cum Practical)	24				725
	III	7BCA5C1	**Core – IX** – ● NET Programming	4	6	25	75	100
	III	7BCA5P1	**Core X** – ● NET Programming Lab	4	5	**40**	**60**	100

	III	7BCA5C2	**Core – XI** – Computer System Architecture	4	5	25	75	100
	III	7BCAE1A/ 7BCAE1B	**Elective–I–A)** Web Design Technology **(or) B)** Design and Analysis of Algorithm	5	5	25	75	100
V	III	7BCAE2A/ 7BCAE2B	**Elective–II– A)** Computer Graphics **(or)B)** Operating System	5	5	25	75	100
	IV	7SBS5A4/ 7SBS5A5/ 7SBS5A6/ 7SBS5A7	**(2) Skill Based Subjects – I**	2	2	25	75	100
			(2) Skill Based Subjects – I	2	2	25	75	100
			Total	**26**	**30**	**--**	**--**	**700**
	III	7BCA6C1	**Core – XII –** Data Mining and Warehousing	4	5	25	75	100
	III	7BCA6C2	**Core – XIII** – Computer Networks	4	5	25	75	100
	III	7BCA6C3	**Core – XIV** – Software Engineering	4	5	25	75	100
	III	7BCA6PR	**Core – XV –** Project	4	6	**40**	**60**	100
VI	III	7BCAE3A/ 7BCAE3B	**Elective–III–A)** Open Source Lab **(or) B)** PC Assembling, Troubleshooting & System Management Lab	5	5	**40**	**60**	100
	IV	7SBS6B4/ 7SBS6B5/ 7SBS6B6/ 7SBS6B7	**(2) Skill Based Subjects – II**	2	2	25	75	100
			(2) Skill Based Subjects – II	2	2	25	75	100
			Total	**25**	**30**	**--**	**--**	**700**
			Grand Total	**140**	**180**	**--**	**--**	**4100**

**   University Examinations will be held in the Even Semesters only.