

ALAGAPPA UNIVERSITY, KARAUKUDI
NEW SYLLABUS UNDER CBCS PATTERN (w.e.f.2017-18)

B.Sc. COMPUTER SCIENCE – PROGRAMME STRUCTURE

Sem	Part	Course Code	Title of the Course	Cr.	Hrs./ Week	Max. Marks		
						Int.	Ext.	Total
I	I	711T	Tamil/other languages – I	3	6	25	75	100
	II	712E	English – I	3	6	25	75	100
	III	7BCE1C1	Core–I– Programming in C	4	6	25	75	100
		7BCE1P1	Core–II–Programming in C Lab	4	6	40	60	100
			Allied – I (Theory only) (or) Allied – I (Theory cum Practical)	5	5	25	75	100
			Allied Practical – I	-	2**	--	--	---
	IV	7NME1A/ 7NME1B/ 7NME1C	(1) Non-Major Elective–I – (A)தமிழ்மொழியின் 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
II		722E	English – II	3	6	25	75	100
III		7BCE2C1	Core – III – Object Oriented Programming with C++	4	6	25	75	100
		7BCE2P1	Core – IV – Object Oriented Programming with 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
	III	7BCE3C1	Core – V – Data Structures and Computer Algorithms	4	5	25	75	100
		7BCE3P1	Core–VI–Data Structures and Computer Algorithms Lab (using C and C++)	4	5	40	60	100
	IV		Allied – I (Theory only) (or) Allied – I (Theory cum Practical)	5	5	25	75	100
				4	3	15	60	75
			Allied Practical – I	-	2**	--	--	---
	IV	7NME3A/ 7NME3B/ 7NME3C	(1) Non-major Elective– II – (A) இலக்கியமும் மொழிப்பயன்பாடும்/ (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		7BCE4C1	Core – VII – Java Programming	4	4	25	75	100
			7BCE4P1	Core–VIII–Java Programming 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	7SBS4B1/ 7SBS4B2/ 7SBS4B3	(2) Skill Based Subjects – II	2	2	25	75	100	
	IV	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				
V	III	7BCE5C1	Core – IX – Operating System	4	5	25	75	100	
		7BCE5C2	Core – X – Relational Database Management Systems	4	5	25	75	100	
		7BCE5P1	Core – XI – Relational Database Management Systems Lab	4	6	40	60	100	
		7BCEE1A / 7BCEE1B	Elective–I–A) Data Mining and Data Warehousing (or) B)WEB Design	5	5	25	75	100	
		7BCEE2A / 7BCEE2B	Elective–II– A) Digital Principles and Computer Organization (or) B) Microprocessor and Microcontroller	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
VI	III	7BCE6C1	Core – XII –Computer Networks	4	5	25	75	100	
		7BCE6C2	Core – XIII – Computer Graphics	4	5	25	75	100	
		7BCE6C3	Core – XIV – Software Engineering	4	5	25	75	100	
		7BCE6PR	Core–XV–Project Work & Viva-Voce	4	6	40	60	100	
	IV	7BCEE3A/ 7BCEE3B	Elective – III – A) VB.NET and ASP.NET programming (or) B) Programming with Linux, Apache, MySQL, and PHP (LAMP)	5	5	25	75	100	
		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.**