

ALAGAPPA UNIVERSITY, KARAİKUDI
NEW SYLLABUS FOR AFFILIATED COLLEGES
UNDER CBCS PATTERN WITH EFFECT FROM 2022-23 ONWARDS

B.Sc., INFORMATION TECHNOLOGY
Programme Structure

Sem	Part	Course Code	Courses	Title of the Course	T/P	Credits	Hours/Week	Marks		
								Int.	Ext.	Total
I	I	2211T	T/OL	Tamil/other languages – I	T	3	6	25	75	100
	II	712CE	E	English – I	T	3	6	25	75	100
	III	22BIT1C1	CC	Principles of Information Technology	T	5	5	25	75	100
		22BIT1P1	CC	Practical- Office Automation	P	4	4	40	60	100
		-	AL – IA	Maths/Physics/BCA/ Computer Science	T	3	3	25	75	100
	-	AL - IA	Practical-Respective Allied Theory Course	P	2	2	40	60	100	
	IV	22BVE1	SEC-I	Value Education	T	2	2	25	75	100
				Library			2			
Total						22	30	205	495	700
II	I	2221T	T/OL	Tamil/other languages – II	T	3	6	25	75	100
	II	722CE	E	Communicative English – II	T	3	6	25	75	100
	III	22BIT2C1	CC	Programming in Java	T	5	5	25	75	100
		22BIT2P1	CC	Practical- Programming in Java	P	4	4	40	60	100
		-	AL – IB	Maths/Physics/BCA/ Computer Science	T	3	3	25	75	100
	-	AL - IB	Practical-Respective Allied Theory Course	P	2	2	40	60	100	
	IV	22BES2	SEC-II	Environmental Studies	T	2	2	25	75	100
							2			
Total						22	30	205	495	700
III	I	2231T	T/OL	Tamil/other languages – III	T	3	6	25	75	100
	II	2232E	E	English for Enrichment - I	T	3	6	25	75	100
	III	22BIT3C1	CC	PHP Programming	T	3	3	25	75	100
		22BIT3C2	CC	Database Management Systems	T	3	3	25	75	100
		22BIT3P1	CC	Practical-PHP Programming with Mysql	P	3	3	40	60	100
	-	AL – IIA	Maths/Physics/BCA/ Computer Science	T	3	3	25	75	100	
	-	AL - IIA	Practical-Respective Allied Theory Course	P	2	2	40	60	100	
	IV	22BE3	SEC-III	Entrepreneurship	T	2	2	25	75	100
	-	NME-I	1.Adipadai Tamil (or) 2.Advance Tamil (or) 3.IT Skills for Employment (or) MOOC's	T	2	2	25	75	100	
Total						24	30	255	645	900
	I	2241T	T/OL	Tamil/other languages – IV	T	3	6	25	75	100
	II	2242E	E	English for Enrichment - II	T	3	6	25	75	100
	III	22BIT4C1	CC	Python Programming	T	4	4	25	75	100
		22BIT4C2	CC	Computer Networks	T	4	4	25	75	100
		22BIT4P1	CC	Practical –Python Programming Lab	P	3	3	40	60	100

IV		-	AL – IIB	Maths/Physics/BCA/ Computer Science	T	3	3	25	75	100	
		-	AL - IIB	Practical-Respective Allied Theory Course	P	2	2	40	60	100	
	IV	-	NME-II	1.Adipadai Tamil (or) 2.Advance Tamil (or) 3.Small Business Management (or) MOOCs	T	2	2	25	75	100	
				Total		24	30	230	570	800	
V	III	22BIT5C1	CC	Visual Studio .Net	T	4	4	25	75	100	
		22BIT5C2	CC	Multimedia and its Applications	T	4	4	25	75	100	
		22BIT5C3	CC	Internet of Things	T	4	4	25	75	100	
		22BIT5C4	CC	Fundamentals of Digital Image Processing	T	4	4	25	75	100	
		22BIT5P1	CC	Practical-Dot Net Programming	P	4	6	40	60	100	
		22BIT5P2	CC	Practical- Multimedia	T	4	6	40	60	100	
				Carrier Development/ Employability Skills			2				
			Total		24	30	180	420	600		
VI	III	22BIT6I	DSE	Internship		24	30	150	250	400	
				or							
		22BIT6E1		Software Project Management	T	6	6	25	75	100	
		22BIT6E2		Cyber Security	T	6	6	25	75	100	
		22BIT6E3		Big Data Analytics	T	6	6	25	75	100	
		22BIT6E4		Principles of Artificial Intelligence	T	6	6	25	75	100	
				Others	Library/ Yoga etc			2			
					Career development /employability skills/Field trip		-	4	-	-	
					Total		24	30	100	300	400
					or						
		22BIT6PR		DSE	Project		6	10	25	75	100
		22BIT6E5			Software Engineering	T	6	6	25	75	100
		22BIT6E6			Cloud Computing	T	6	6	25	75	100
22BIT6E7	Data Mining	T	6		6	25	75	100			
		Others	Library / Yoga / Career development /employability skills/Field trip etc			2					
			Total		24	30	100	300	400		
			Grand Total		140	--	--	--	4100		

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

Sem.	Part	Course Code	Title of the Paper	Credit	Hours/ Week	Marks		
						Int.	Ext.	Total
I	III	71BEPP - I	Professional English for Physical Science -I	4	5	25	75	100
II		72BEPP - II	Professional English for Physical Science -II	4	5	25	75	100
III		*	Professional English for Physical Science -III	4	5	25	75	100
IV			Professional English for Physical Science -IV	4	5	25	75	100