



ALAGAPPA UNIVERSITY  
B.SC COMPUTER SCIENCE SYLLABUS

Semester	Part	S. No	Title	Internal	External	Total
I	I	1.1	Tamil/other languages - I	25	75	100
	II	1.2	Prose and Communication Skills	25	75	100
	III	1.3	Programming in C	25	75	100
	III	1.4	Programming in C Lab	25	75	100
	III	1.5	Algebra and Calculus (Allied)	25	75	100
II	I	2.1	Tamil/other languages - II	25	75	100
	II	2.2	Prose, Extensive Reading and Communication Skill	25	75	100
	III	2.3	Programming in C++	25	75	100
	III	2.4	C++ Lab	25	75	100
	III	2.5	Numerical Analysis and Statistics (Allied)	25	75	100
	IV	2.6	Environmental Studies	25	75	100
III	II	3.1	Communicative Skills	25	75	100
	III	3.2	Digital Computer Fundamentals	25	75	100
	III	3.3	Java Programming	25	75	100
	III	3.4	Data Structures and Algorithms	25	75	100
	III	3.5	Java Programming Lab	25	75	100
	III	3.6	Data Structures and Algorithms Lab	25	75	100
	III	3.7	Applied Physics - I (Allied)	25	75	100
IV	II	4.1	Employability Skills	25	75	100
	III	4.2	Database Management System	25	75	100
	III	4.3	Visual Basic	25	75	100
	III	4.4	Visual Basic Lab	25	75	100
	III	4.5	Oracle Lab	25	75	100
	III	4.6	Applied Physics - II (Allied)	25	75	100
	IV	4.7	Value Education	25	75	100
V	III	5.1	Web Technology	25	75	100
	III	5.2	Operating Systems	25	75	100
	III	5.3	Software Engineering	25	75	100
	III	5.4	<b>Elective - I</b> Multimedia and its Applications (or) Trends in Computing	25	75	100
	III	5.5	Web Technology Lab	25	75	100
	III	5.6	Operating Systems Lab	25	75	100
	III	5.7	Multimedia Lab	25	75	100



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VI	II	6.1	C# .Net Programming	25	75	100
	III	6.2	Computer Graphics	25	75	100
	III	6.3	Computer Networks	25	75	100
	III	6.4	<b>Elective - II</b> Mobile Communication (or) Data Mining and Data Warehousing	25	75	100
	III	6.5	C# .Net Lab	25	75	100
	III	6.6	Graphics Lab	25	75	100
	III	6.7	Mini Project	25	75	100