

**B.Sc., Computer Science  
Programme structure**

Sem.	Part	Course Code	Courses	List of Courses	T/P	Credit	Hours /week (L/T/P)	Max. Marks			
								Int.	Ext.	Total	
I	Part-I	2311T	T/OL	தமிழ் இலக்கிய வரலாறு-I/other Language-I	T	3	6	25	75	100	
	Part-II	2312E	E	General English-I	T	3	6	25	75	100	
	Part-III		23BCE1C1	CC 1	Programming In C	T	5	5	25	75	100
			23BCE1P1	CC 2	Practical : Programming In C Lab	P	3	4	25	75	100
			-	Generic Elective (Allied)	BCA/ B.Sc., IT/ Maths/Electronics/ software	T	3	3	25	75	100
			-		Respective Allied Theory - Practical	P	2	2	25	75	100
	Part-IV		23BCE1S1	SEC-I	Fundamentals of Information Technology	T	2	2	25	75	100
			23BCE1FC	FC	Problem Solving Techniques	T	2	2	25	75	100
<b>TOTAL</b>					-	<b>23</b>	<b>30</b>	<b>200</b>	<b>600</b>	<b>800</b>	
II	Part- I	2321T	T/OL	தமிழ் இலக்கிய வரலாறு-II /Other Languages-II	T	3	6	25	75	100	
	Part-II	2322E	E	General English - II	T	3	6	25	75	100	
	Part-III		23BCE2C1	CC-III	Object Oriented Programming Concepts Using C++	T	4	5	25	75	100
			23BCE2P1	CC-IV	Object Oriented Programming Concepts Using C++ Lab	P	4	4	25	75	100
			-	Generic Elective (Allied)	B.Sc IT / BCA/Maths/ Electronics /Software	T	3	3	25	75	100
			-		Respective Allied Theory - Practical	P	2	2	25	75	100
	Part-IV		23BCE2S1	SEC -II	Office Automation	T	2	2	25	75	100
			23BCE2S2	SEC-III	Introduction to HTML	T	2	2	25	75	100
		--		Naan Mudhalvan Course							
						<b>23</b>	<b>30</b>	<b>200</b>	<b>600</b>	<b>800</b>	
III	Part- I	2331T	T/OL	தமிழக வரலாறும் பண்பாடும் / Other Languages-III	T	3	6	25	75	100	
	Part-II	2332E	E	General English – III	T	3	6	25	75	100	
	Part-III		23BCE3C1	CC-V	Data Structure and Algorithms	T	4	5	25	75	100
			23BCE3P1	CC-VI	Data Structure and Algorithms Lab	P	4	4	25	75	100
			--	Generic Elective (Allied)	B.Sc IT / BCA/Maths/ Electronics /Software	T	3	3	25	75	100
			--		Respective Allied Theory - Practical	P	2	2	25	75	100
	Part-IV		23BCE3S1	SEC-IV	Web Designing	T	2	2	25	75	100
			233AT/ 23BCE3S2	SEC-V	Adipadai Tamil/ Multimedia Systems	T	2	2	25	75	100
		--		Naan Mudhalvan Course							
<b>Total</b>						<b>23</b>	<b>30</b>	<b>200</b>	<b>600</b>	<b>800</b>	
IV	Part- I	2341T	T/OL	தமிழும் அறிவியலும்/ Other Languages -IV	T	3	6	25	75	100	

V	Part-II	<b>2342E</b>	E	General English – IV	T	3	6	25	75	100
	Part-III	<b>23BCE4C1</b>	CC-VII	Java Programming	T	4	4	25	75	100
		<b>23BCE4P1</b>	CC-VIII	Java Programming Lab	P	3	4	25	75	100
		--	Generic Elective (Allied)	B.Sc IT / BCA/Maths /Electronics/Software	T	3	3	25	75	100
		--		Respective Allied Theory - Practical	P	2	2	25	75	100
	Part-IV	<b>23BCE4S1</b>	SEC-VI	PHP Programming	T	2	2	25	75	100
		<b>234AT/23BCE4S2</b>	SEC-VII	Adipadai Tamil/ Software Testing	T	2	2	25	75	100
		<b>23BES4</b>	E.V.S	Environmental Studies	T	2	2	25	75	100
		--		Naan Mudhalvan Course						
	Total						<b>24</b>	<b>30</b>	<b>225</b>	<b>675</b>
V	Part-III	<b>23BCE5C1</b>	CC-IX	Operating Systems	T	4	5	25	75	100
		<b>23BCE5C2</b>	CC-X	Database Management System	T	4	5	25	75	100
		<b>23BCE5P1</b>	CC-XI	Database Management System Lab	P	4	5	25	75	100
		<b>23BCE5C3</b>	CC-XII	Software Engineering	T	4	5	25	75	100
		<b>23BCE5E1/23BCE5E2</b>	DSE-I	Artificial Intelligence / Natural Language Processing	T	3	4	25	75	100
		<b>23BCE5E3/23BCE5E4</b>	DSE-II	Introduction to Data Science / Big Data Analytics.	T	3	4	25	75	100
	Part-IV	<b>23BVE5</b>		Value Education	T	2	2	25	75	100
		<b>23BCE5IV</b>		Internship/Industrial Visit/ Field Visit		2	-	25	75	100
	--		Naan Mudhalvan Course							
Total						<b>26</b>	<b>30</b>	<b>200</b>	<b>600</b>	<b>800</b>
VI	Part-III	<b>23BCE6C1</b>	CC-XIII	Computer Networks	T	4	6	25	75	100
		<b>23BCE6D</b>	CC-XIV	Dissertation		8	12	50	150	200
		<b>23BCE6E1/23BCE6E2</b>	DSE-III	.Net Programming / Python Programming	T	3	5	25	75	100
		<b>23BCE6E3/23BCE6E4</b>	DSE-IV	Computer Graphics / Mobile Computing	T	3	5	25	75	100
	Part-IV	--		Extension Activity / Industrial Visit		1	-	-	-	-
		<b>23BCE6S1</b>		Essential Reasoning and Quantitative Aptitude	T	2	2	25	75	100
	--		Naan Mudhalvan Course							
Total						<b>21</b>	<b>30</b>	<b>150</b>	<b>450</b>	<b>600</b>
<b>Grand Total</b>						<b>140</b>	<b>--</b>	<b>1175</b>	<b>3525</b>	<b>4700</b>

- TOL-Tamil/Other Languages,
- E – English
- CC - Core course –Core competency, critical thinking, analytical reasoning, research skill &teamwork
- Generic Elective(Allied)
- SEC-Skill Enhancement Course - Exposure beyond the discipline (Value Education ,Entrepreneurship Course, Computer application for Science, etc.,
- FC-Foundation Course
- DSE-Discipline Specific Elective
- T/P- T-Theory, P-Practical

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