B.Sc Mathematics Programme Structure

Sem	Part	Course Code	Courses	List of Courses	T/P	Credit	Hours/ week	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	23BMA1C1	CC-I	Algebra &Trigonometry	T	5	5	25	75	100
		23BMA1C2	CC-II	Differential Calculus	T	3	4	25	75	100
		-	Generic Elective (Allied)	Numerical Methods with Applications/ Physics / Chemistry	T	3	3	25	75	100
				Practical -Respective Allied Theory	P	2	2	25	75	100
	Part-IV	23BMA1S1	SEC-I	Latex	T	2	2	25	75	100
		23BMA1FC	FC	Bridge Mathematics	T	2	2	25	75	100
				TOTAL	-	**23**	**30**	**200**	**600**	**800**
II	Part-I	2321T	T/OL	தமிழ் இலக்கிய வரலாறு-II/ Other Language-II	T	3	6	25	75	100
	Part-II	2322E	E	General English-II	T	3	6	25	75	100
	Part-III	23BMA2C1	CC-III	Analytical Geometry (Two & Three Dimensions)	T	4	5	25	75	100
		23BMA2C2	CC-IV	Integral Calculus	T	4	4	25	75	100
		-	Generic Elective (Allied)	Astronomy or Allied Physics II or Allied Chemistry II	T	3	3	25	75	100
				Practical -Respective Allied Theory	P	2	2	25	75	100
	Part-IV	23BMA2S1	SEC-II	Computing Skills (Office Automation)	T	2	2	25	75	100
		23BMA2S2	SEC-III	Mathematics for Competitive Examination	T	2	2	25	75	100
						23	**30**	**200**	**600**	**800**
III	Part-I	2331T	T/OL	தமிழக வரலாறும் பண்பாடும்/ Other Languages	T	3	6	25	75	100
	Part-II	2332E	E	General English-III	T	3	6	25	75	100
	Part-III	23BMA3C1	CC-V	Vector Calculus and its Applications	T	4	5	25	75	100
		23BMA3C2	CC-VI	Differential Equations and Applications	T	4	4	25	75	100
		-	Generic Elective (Allied)	Mathematical Statistics Theory & Practical	T	3	3	25	75	100
				Practical -Respective Allied Theory	P	2	2	25	75	100

Sem	Part	Course Code	Category	Title	T/P	Credit	Hours	CIA	ESE	Total
	Part-IV	23BMA3S1	SEC-IV	Web Designing	T	2	2	25	75	100
		233AT/ 23BMA3S2	SEC-V	Adipadai Tamil/ Data Analysis using SPSS	T	2	2	25	75	100
						23	30	200	600	800
IV	Part-I	2341T	T/OL	தமிழும் அறிவியலும் / Other Languages	T	3	6	25	75	100
	Part-II	2342E	E	General English-IV	T	3	6	25	75	100
	Part-III	23BMA4C1	CC-VII	Industry Mathematics: Linear Programming Problem	T	4	4	25	75	100
		23BMA4C2	CC-VIII	Elements of Mathematical Analysis	T	3	3	25	75	100
		-	Generic Elective (Allied)	Transformation Techniques	T	3	3	25	75	100
				Practical -Respective Allied Theory	P	2	2	25	75	100
	Part-IV	23BMA4S1	SEC-VI	Introduction to Data Science	T	2	2	25	75	100
		234AT/ 23BMA4S2	SEC-VII	Adipadai Tamil/ Computational Mathematics	T	2	2	25	75	100
		23BES4	EVS	Environmental Studies	T	2	2	25	75	100
						24	30	225	675	900
V	Part-III	23BMA5C1	CC-IX	Abstract Algebra	T	4	5	25	75	100
		23BMA5C2	CC-X	Real Analysis	T	4	5	25	75	100
		23BMA5C3	CC-XI	Mathematical Modelling	T	4	5	25	75	100
		23BMA5PR	CC-XII	Project with Viva voce		4	5	25	75	100
		23BMA5E1	DSE-I	Optimization Techniques	T	3	4	25	75	100
		23BMA5E2	DSE-II	Programming in C with Practical	T&P	3	4	25	75	100
	Part-IV	23BVE5		Value Education	T	2	2	25	75	100
		23BMA5I		Internship / Industrial Training (Summer vacation at the end of IV semester activity)		2	-	25	75	100
						26	30	200	600	800
VI	Part-III	23BMA6C1	CC-XIII	Linear Algebra	T	4	6	25	75	100
		23BMA6C2	CC-XIV	Complex Analysis	T	4	6	25	75	100
		23BMA6C3	CC-XV	Mechanics	T	4	6	25	75	100
		23BMA6E1	DSE-III	Programming in C++ with Practical	T&P	3	5	25	75	100
		23BMA6E2	DSE-IV	Graph Theory and its Applications	T	3	5	25	75	100
	Part-IV	23BMA6S1	Professional Competency Skill	Essential Reasoning and Quantitative Aptitude	T	2	2	25	75	100
		--		Extension Activity		1				
						21	30	150	450	600
						140	-	1175	3525	4700