

B.Sc. MATHEMATICS – 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	7BMA1C1	Core–I-Calculus	4	6	25	75	100
		7BMA1C2	Core–II-Algebra and Trigonometry	4	6	25	75	100
			Allied – I (Theory only) (or) Allied – I (Theory cum Practical)	5 4	5 3	25 15	75 60	100 75
			Allied Practical – I	-	2**	--	--	---
	IV	7NME1A/ 7NME1B/ 7NME1C	(1) Non-Major Elective – I	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	100
	II	722E	English – II	3	6	25	75	100
	III	7BMA2C1	Core–III-Analytical Geometry of 3D and Vector Calculus	4	6	25	75	100
		7BMA2C2	Core–IV-Sequences and Series	4	5	25	75	100
			Allied – II (Theory only) (or) Allied– II (Theory cum Practical)	5 4	5 3	25 15	75 60	100 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	7BMA3C1	Core–V-Abstract Algebra	4	5	25	75	100
	III	7BMA3C2	Core–VI-Differential Equations and its Applications	4	5	25	75	100
			Allied – III (Theory only) (or) Allied–III (Theory cum Practical)	5 4	5 3	25 15	75 60	100 75
			Allied Practical – II	-	2**	--	--	---
	IV	7NME3A/ 7NME3B/ 7NME3C	(1) Non-major Elective – II	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	7BMA4C1	Core–VII-Transform Techniques	4	5	25	75	100
	III	7BMA4C2	Core–VIII-Linear Algebra	4	4	25	75	100
	III		Allied – IV(Theory only) (or)	5	5	25	75	100
			Allied –IV(Theory cum Practical)	4	3	15	60	75
			Allied Practical - II	2	2	20	30	50
	IV	7SBS4B1/ 7SBS4B2/ 7SBS4B3	(2) Skill Based Subjects – II	2	2	25	75	100
		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
	III	7BMA5C1	Core–IX-Real Analysis	4	6	25	75	100
	III	7BMA5C2	Core–X-Statistics I	4	5	25	75	100
	III	7BMA5C3	Core–XI-Operations Research I	4	5	25	75	100
	III	7BMAE1A/ 7BMAE1B	Elective (I) - A) Graph Theory (or) B) Special Functions	5	5	25	75	100
	III	7BMAE2A/ 7BMAE2B	Elective (II) – A) Numerical Analysis (or) B) Combinatorics	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
	III	7BMA6C1	Core – XII Mechanics	4	6	25	75	100
	III	7BMA6C2	Core – XIII Complex Analysis	4	5	25	75	100
	III	7BMA6C3	Core – XIV Statistics II	4	5	25	75	100
	III	7BMA6C4	Core – XV Operations Research II	4	5	25	75	100
	III	7BMAE3A/ 7BMAE3B	Elective – III A) Discrete Mathematics (or) B) Fuzzy Algebra	5	5	25	75	100
	IV	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

