

DEPARTMENT – MATHEMATICS

■ B.Sc. Maths Course Structure

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)
UG Programme (Mathematics) – Course Structure CBCS
For the candidates admitted from 2019 – 2020 onwards

Sem	Part	Code	Title of Course	Hrs/Wk	Cr	Marks		
						Int.	Ext.	Tot.
I	I	19T101	LC I – Tamil I	6	3	25	75	100
	II	19H101	ELC II – English I	6	3	25	75	100
	III	19M101	CC I – Calculus	5	4	25	75	100
	III	19M102	CC II – Trigonometry and Algebra	4	4	25	75	100
	III	19M103A	AC I – Allied Physics I	4	4	25	75	100
	III	19M104L	AC II – Physics Lab*	3	-	-	-	-
	IV	19VE	VE – Value Education	2	2	25	75	100
		Total	7	30	20	150	450	600
II	I	19T202	LC II – Tamil II	6	3	25	75	100
	II	19H202	ELC II – English II	6	3	25	75	100
	III	19M205	CC III – Differential Equations and its Applications	4	4	25	75	100
	III	19M206	CC IV – Laplace Transforms and Summation of Series	3	2	25	75	100
	III	19M104L	AC II – Physics Lab*	3	4	40	60	100
	III	19M207A	AC III – Allied Physics II	4	4	25	75	100
	IV	19XM21L	SKBC I – MS Office	2	2	25	75	100
IV	19EVS	EVS – Environmental Studies	2	2	25	75	100	
		Total	8	30	24	215	585	800
III	I	19T303	LC III – Tamil III	6	3	25	75	100
	II	19H303	ELC III – English III	6	3	25	75	100
	III	19M308	CC V – Analytical Solid Geometry	5	4	25	75	100
	III	19M309A	AC IV – Probability Theory	6	4	25	75	100
	III	19M310A	AC V – Statistical Methods	5	4	25	75	100
	IV	19XM32L	SKBC II – SCILAB	2	2	25	75	100
	IV	19GS	GS – Gender Studies	-	1	-	100	100
		Total	7	30	21	150	550	700

Sem	Part	Code	Title of Course	Hrs/Wk	Cr	Marks		
						Int.	Ext.	Tot.
IV	I	19T404	LC IV – Tamil IV	6	3	25	75	100
	II	19H404	ELC IV – English IV	6	3	25	75	100
	III	19M411	CC VI – Vector Calculus , Fourier Series & Fourier Transforms	5	4	25	75	100
	III	19M412	CC VII- Numerical Methods	5	4	25	75	100
	III	19M413AL	AC VI – R- Programming Lab	6	4	25	75	100
	IV	19M4N1	NMEC I – Quantitative Aptitude I	2	2	25	75	100
	IV	19SSC	SSC – Soft Skill Course	-	2	-	100	100
		Total	7	30	22	150	550	700
V	III	19M514	CC VIII – Modern Algebra	6	5	25	75	100
	III	19M515	CC IX – Real Analysis I	6	5	25	75	100
	III	19M516	CC X – Mechanics	6	5	25	75	100
	III	19M517	CC XI – Graph Theory	5	4	25	75	100
	III	19M518**	EC I	5	5	25	75	100
	IV	19M5N2	NMEC II – Quantitative Aptitude II	2	2	25	75	100
		Total	6	30	26	150	450	600
VI	III	19M619	CC XII – Real Analysis II	6	5	25	75	100
	III	19M620	CC XIII – Complex Analysis	6	5	25	75	100
	III	19M621	CC XIV- Discrete Mathematics	5	4	25	75	100
	III	19M622	CC XV – Mathematical Modeling	3	2	25	75	100
	III	19M623**	EC II	5	5	25	75	100
	III	19M624**	EC III	5	5	25	75	100
	V	19EA	Extension Activities	-	1	-	-	-
		Total	7	30	27	150	450	600
TOTAL			42 Extra Cr. Courses (College) +2	180	140 +6	965	3035 +200	4000 +200

****EC - Elective Courses:**

Sem.	Elective Code	Code	Course
V	EC I	19M518b(T/L) 19M518a	Programming in C with Lab Fuzzy Theory
VI	EC II	19M623b 19M623a	Operations Research Astronomy
	EC III	19M624b(T/L) 19M624a	Object Oriented Programming in C++ with Lab Number Theory