

COURSE STRUCTURE OF MATHEMATICS (CBCS - HONS & Programme)									
SEMESTER-WISE AND COURSE WISE CREDIT DISTRIBUTION STRUCTURE									
Semester	Course Type	Course	Course Title	Paper Type	Credit		Full Marks	Marks Distribution	
					L	T/P		Theory	Internal Assesment/PRC
I	HONS	AE-I	Eng. Com./EVS	TH	2				
		HCC-I	Calculus and Geometry	TH	5	1	75	60	15
		HCC-II	Algebra	TH	5	1	75	60	15
	Programme	AE-I	Eng Com/EVS	TH	2				
		DSC Paper 1	Calculus and Geometry	TH	5	1	75	60	15
II	HONS	AE-II	Eng. Com./EVS	TH	2				
		HCC-III	Real Analysis	TH	5	1	75	60	15
		HCC-IV	Differential Equation & Vector Calculus	TH	5	1	75	60	15
	Programme	AE-I	Eng Com/EVS	TH	2				
		DSC Paper 2	Real Analysis	TH	5	1	75	60	15
III	HONS	HCC-V	Theory of Real Functions & Introduction of the Metric	TH	5	1	75	60	15
		HCC-VI	Group Theory-I	TH	5	1	75	60	15
		HCC-VII	Riemann Integration & Series of Functions	TH	5	1	75	60	15
		SEC-I	Logic & Sets/Graph Theory	TH	2		75	60	15
	Programme	DSC Paper 3	Algebra	TH	5	1	75	60	15
		SEC SEM 3 Paper 1	Logic & Sets /Graph Theory	TH	2		75	60	15
IV	HONS	HCC-VIII	Multivariate Calculus	TH	5	1	75	60	15
		HCC-IX	Ring Theory & Linear Algebra-I	TH	5	1	75	60	15
		HCC-X	Metric Spaces & Complex Theory	TH	5	1	75	60	15
		SEC-II	Programming Language/Operating System: Linux	TH	2		75	60	15
	Programme	DSC Paper 4	Differential Equation and Vector Calculus	TH	5	1	75	60	15
		SEC SEM 4 Paper 2	Theory of Equations/C Programming Language	TH	2		75	60	15
V	HONS	HCC-XI	Group Theory-II	TH	5	1	75	60	15
		HCC-XII	Numerical Methods + LAB	TH	4	2	75	60	15
		DSE-I	Probability & Statistics /Differential Geometry	TH	5	1	75	60	15
		DSE-II	Mechanics / Number Theory	TH	5	1	75	60	15
	Programme	DSE Paper 1	Numerical Methods + LAB/ Group Theory and Linear Algebra	TH+PRAC	4	2	55+20	40	15+20
		SEC SEM 5 Paper 1	Theory of Probability / Differential Geometry	TH	5	1	75	60	15
VI	HONS	HCC-XIII	Ring Theory & Linear Algebra-II	TH	5	1	75	60	15
		HCC-XIV	Partial Differential Equations & Applications	TH	5	1	75	60	15
		DSE-III	Linear Programming /Point Set Topology	TH	5	1	75	60	15
		DSE-IV	Mathematical Modelling/Boolean Algebra & Automata	TH	5	1	75	60	15
	Programme	DSE Paper 2	Metric Spaces & Complex Analysis / Linear Programming	TH	5	1	75	60	15
		SEC SEM 6 Paper 2	Mechanics / Boolean Algebra & Automata Theory	TH	2		75	60	15