Distribution of Syllabus for Mathematics Honours & General Courses (Even Semester)
From 2021-22 to 2025-26
Number with in the third brackets represents the total hour of classes

Teachers → / Semester ↓	PROF. S. KANJILAL		PROF. G. ADAK		DR. G. H. BERA		DR. R. BANERJEE		PROF. S. MANDAL	
	Alloted Syllabus	No. of Classes	Alloted Syllabus	No. of Classes	Alloted Syllabus	No. of Classes	Alloted Syllabus	No. of Classes	Alloted Syllabus	No. of Classes
Semester - II (Honours)	Group Theory (CC4, Unit II, III) [45]	45	Real Analysis (CC3, Unit I) [30]	30	Group Theory (CC4, Unit I) [30]	30	Real Analysis (CC3, Unit III & Graphical Demonstration) [15]	15	Real Analysis (CC3, Unit II) [30]	30
Semester - IV (Honours)	Riemann & Improper integral(CC8, Unit I, II) [45]	45	Series of functions, Power Series & Fourier Series (CC8, Unit III) [30]; Multivariable Calculus (Multiple integral except Diff. Under integral sign)(CC9,Unit II) [15]	45	Scientific Computing with Sage Math(SEC B) [25]; Multivariable Calculus (Vector field to divergence theorem)(CC9,Unit II) [15]; Mechanics (CC10, Unit I, II) [25]	65	Scientific Computing with Sage Math(SEC B) [25]; PDE(CC9,Unit I) [40]; Multivariable Calculus (Diff. Under integral sign)(CC9,Unit II) [5]	70	Mechanics (CC10, Unit II, III, IV, V) [50]	50
Semester - VI (Honours)	Metric Spaces (CC13, Unit I) [40]; Mathematical Modelling (Queueing models & Overview of optimization modelling) (DSE-A(2), Unit II) [20]	60	Topology (DSE-B(2)) [75]	75	Complex Analysis (CC13, Unit II) [35]; Mathematical Modelling (DSE-A(2), Unit I) [30]	65	Numerical Analysis (CC14, Unit IV, V) [20]; Practical(CC14, No-3,4,7) [20]; Mathematical Modelling (Simulation, Monte Carlo & Generating random numbers) (DSE-A(2), Unit II) [25]	65	Numerical Analysis (CC14, Unit I, II, III, VI) [35]; Practical(CC14, No-1,2,5,6,8,9) [30]	65
Semester - II (General)	Vector Algebra (CC2/GE2, Unit III) [10]	10	Differential Calculus II (CC2/GE2, Unit I) [15]	15	Differential Equations II (CC2/GE2, Unit II) [10]	10	Discrete mathematics (CC2/GE2, Unit IV) (Congruences, Application of Congruences, Congruence Classes) [13]	13	Discrete mathematics (CC2/GE2, Unit IV)(Integers, Boolean Algebra) [12]	12
Semester - IV (General)	Probability (CC4/GE4, Unit III) [13]	13	Statistics(CC4/GE4, Unit III) [12]	12	Algebra(CC4/GE4, Unit I) [10]	10	Computer Science and Programming (CC4/GE4, Unit II up to positional number system) [10]	10	Computer Science and Programming (CC4/GE4, Unit II, Programming language, algorithm and flow Chart) [15]	15
Semester - VI (General)	Advanced Calculus (DSE-B) (Sequence of functions) [12]	12	Advanced Calculus (DSE-B) (Series of functions) [12]	12	Advanced Calculus (DSE-B) (Fourier series) [12]	12	Advanced Calculus (DSE-B) (Laplace Transform) [12]	12	Advanced Calculus (DSE-B) (Power series) [12]	12
Total :-		185		189		192		185		184

NOTE : SYLLUBUS DISTRIBUTION FOR SEMESTER VI(GENERAL) IS APPLICABLE FOR SESSION 2021-2022.