

LESSON PLAN
DEPT. OF MATHEMATICS – 2023

(DP:Dipanwita Paul Ghosh AB:Anjana Bhattacharyya BS: BasudevSiddhya PL: Pramod Lama
MH: Mainul Hossain)

4 YEAR B.SC. DEGREE COURSE and 3 YEAR B.SC. COURSE (MDC):
SEM1 & SEM2

Semester	Programme	Course Code	Topic		Teachers	No. of Hours	Marks	
2	Major	CC 2-2	Basic Algebra	Gr. A	PL	20	34	
				Gr. B	AB	10	17	
					BS	10	17	
				Gr. C	AB	10	17	
					MH	10	17	
		SEC 2-2	Artificial Intelligence			DP	60	100
	Minor / MDC	Minor 2	Basic Algebra	Gr. A	PL	20	32	
				Gr. B	AB	10	17	
					BS	10	17	
				Gr. C	AB	10	17	
					MH	10	17	
		MDC	SEC 2-2	Artificial Intelligence			DP	60
	IDC	IDC 2-2	Mathematics in Everyday Life			AB	36	60
						PL	9	15

B.SC., CBCS HONOURS AND GENERAL: SEM3, SEM4, SEM5, SEM6

Semester	Programme	Course Code	Topic	Teachers	No. of Hours	Marks
4	Hons	CC 8	Riemann Integration	PL	35	47
			Improper Integral, Series of Functions, Power Series	AB	36	47
			Fourier Series	MH	4	6
		CC 9	Partial Differential Equation	BS	40	53
			Multivariate Calculus-II	PL	35	47
		CC 10	Coplanar Force, Couple, Friction	BS	15	20
			Virtual Work, Stability Kinematics, Newton's Laws, Particle dynamics, Planar motion of a particle, Many particles systems, Angular momentum Principle, Energy Principle	MH	60	80
		SEC - B	Scientific Computing with Sage Math & R	DP	50	100
4	General	CC 4 / GE 4	Algebra-II	PL	10	17
			Computer Science & Programming	MH	25	41
			Probability	BS	7	12

			Statistics	AB	18	30
B6	Hons	CC 13	Metric Space	AB	40	53
			Complex Analysis	PL	35	47
		CC 14	Numerical Methods	MH	55	52
			Numerical Methods Lab	DP	50	48
		DSE - A2	Differential Geometry	GL	75	100
		DSE-B2	Advanced Mechanics	BS	75	100
6	General	SEC-B	Boolean Algebra	PL	30	100
		DSE-B	Uniform Convergence of Sequence and Series of functions	BS	26	43
			Power series and radius of Convergence, Laplace Transformation	AB	30	50
			Fourier Series	BS	4	7