

DEPARTMENT OF MATHEMATICS

PROGRAM MATRIX/COURSE STRUCTURE FOR 2024-25

Sem	Generic Code	Course code	Course Title	PP W	Credit	CIA	ESE	Passing minimum in	
								ESE	Aggregate
I	DSC1	MAT101	Differential Equations	4	4	30	70	28	40
	DSC1-Pr	MAT111	Differential Equations	3	1	15	35	14	20
	AECC -1	AECC101	Environmental Science	2	2	15	35	14	20
II	DSC2	MAT202	Differential & Integral Calculus	4	4	30	70	28	40
	DSC2-Pr	MAT212	Differential & Integral Calculus	3	1	15	35	14	20
	AECC -2	AECC	Gender Sensitization	2	2	15	35	14	20
III	DSC3	MAT303	Algebra	4	4	30	70	28	40
	DSC3-Pr	MAT313	Algebra	3	1	15	35	14	20
	SEC1	SEC301	Communication/Professional skills	2	2	15	35	14	20
	SEC2	SEC302(A)	Logic & Sets	2	2	15	35	14	20
		SEC302(B)	Vector Calculus	2	2	15	35	14	20
IV	DSC4	MAT404	Real Analysis	4	4	30	70	28	40
	DSC4-Pr	MAT414	Real Analysis	3	1	15	35	14	20
	SEC3	SEC403	Leadership and Management skills/Human Values	2	2	15	35	14	20
	SEC4	SEC404(A)	Logic & Sets	2	2	15	35	14	20
		SEC404(B)	Number Theory	2	2	15	35	14	20
V	DSC5	MAT505	Linear Algebra	4	4	30	70	28	40
	DSC5-Pr	MAT515	Linear Algebra	3	1	15	35	14	20
	GE1	GEMAT501	Basic Mathematics	4	4	30	70	28	40
VI	DSE6A	MAT606A	Numerical Analysis	4	4	30	70	28	40
	DSE6A-Pr	MAT616A	Numerical Analysis	3	1	15	35	14	20
	DSE6B	MAT606B	Integral Transforms	4	4	30	70	28	40
	DSE6B-Pr	MAT616B	Integral Transforms	3	1	15	35	14	20
	DSE6C	MAT606C	Analytical Solid Geometry	4	4	30	70	28	40
	DSE6C-Pr	MAT616C	Analytical Solid Geometry	3	1	15	35	14	20
	AECC -3*	AECC03	Capacity Building	2	2	15	35	14	20
	PR1/DSC 7	MAT607	Project/Mathematical Modeling/Online Course	6/4	4	15	35	14	20