

Teaching & Examination Scheme (Matrix M.Sc. Mathematics):

First Semester I:

Subject Code	Name of Subject	Credit Theory	Credit Lab/Tutorial	ESE Marks	Internal Marks	Total Marks
MSCMODL101	ALGEBRA	4		70	30	100
MSCMODL102	REAL ANALYSIS	4		70	30	100
MSCMODL103	DIFFERENTIAL EQUATIONS	4		70	30	100
MSCMODL104	DISCRETE MATHEMATICS	4		70	30	100
MSCMODL105	Elective I: Numerical Methods / Mathematical Statistics	4		70	30	100
Total		20				500

Second Semester II:

Subject Code	Name of Subject	Credit Theory	Credit Lab/Tutorial	ESE Marks	Internal Marks	Total Marks
MSCMODL201	COMPLEX ANALYSIS	4		70	30	100
MSCMODL202	PARTIAL DIFFERENTIAL EQUATIONS	4		70	30	100
MSCMODL203	LINEAR ALGEBRA	4		70	30	100
MSCMODL204	MATLAB	3		70	30	100
MSCMODL205	MATLAB		2	35	15	50
MSCMODL206	Elective II: Distribution Theory / Information Theory	4		70	30	100
Total		19	2			550

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Third Semester III:

Subject Code	Name of Subject	Credit Theory	Credit Lab/Tutorial	ESE Marks	Internal Marks	Total Marks
MSCMODL 301	TOPOLOGY	4		70	30	100
MSCMODL 302	MATHEMATICAL METHODS	4		70	30	100
MSCMODL 303	FUNCTIONAL ANALYSIS	4		70	30	100
MSCMODL 304	LATEX & MATHEMATICA	3		70	30	100
MSCMODL 305	LATEX & MATHEMATICA		2	35	15	50
MSCMODL 306	Elective III: Graph Theory / Number Theory & Cryptography	4		70	30	100
Total		19	2			550

Fourth Semester IV:

Subject Code	Name of Subject	Credit Theory	Credit Lab/Tutorial	ESE Marks	Internal Marks	Total Marks
MSCMODL401	NONLINEAR DIFFERENTIAL EQUATION	4		70	30	100
MSCMODL402	OPERATION RESEARCH	4		70	30	100
MSCMODL403	FUZZY SETS THEORY	4		70	30	100
MSCMODL404	Elective IV: Approximation Theory / Mathematical Modeling	4		70	30	100
MSCMODL405	PROJECT/DISSEMINATION	6				200
Total		22				600

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