



M.Sc. (Mathematics) - I (Semester - I)

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	ABSTRACT ALGEBRA - I	P-ABA-164	100	4	TH	C
2	ADVANCED CALCULUS - II	P-ADC-165				
3	ORDINARY DIFFERENTIAL EQUATIONS - III	P-ODE-166				
4	COMPLEX ANALYSIS - I - IV	P-COA-167				
5	DISCRETE MATHEMATICS - V (A) OR	P-DIM-168 (A)	100	4	PR	O
	THEORY OF PROBABILITY - V (B) OR	P-THP-168 (B)				
	COMBINATORICS - V (C)	P-COM-168 (C)				
6	LAB WORK - I (LATEX TYPESETTING)	P-LAB-169	100	4	PR	C
7	SEMINAR	P-SEM-170	25	1		

M.Sc. (Mathematics) - I (Semester - II)

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	LINEAR ALGEBRA - VI	P-LIA-264	100	4	TH	C
2	MEASURE AND INTEGRATION THEORY - VII	P-MIT-265				
3	TOPOLOGY - VIII	P-TOP-266				
4	PARTIAL DIFFERENTIAL EQUATIONS - IX	P-PDE-267				
5	COMPLEX ANALYSIS - II - X (A) OR	P-COA-268 (A)	100	4	PR	O
	OPERATIONS RESEARCH - II (B) OR	P-OPR-268 (B)				
	NUMBER THEORY - II (C)	P-NUT-268 (C)				
6	LAB WORK-II (WRITING AND PRESENTATION USING LATEX)	P-LAB-269	100	4	PR	C
7	SEMINAR	P-SEM-270	25	1		

M.Sc. (Mathematics) - II (Semester - III)

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	RING THEORY - IX	P-RIT-365	100	4	TH	C
2	FUNCTIONAL ANALYSIS - X	P-FUA-366				
3	CODING THEORY - I - XI OR	P-COT-367				
	FRACTIONAL CALCULUS - I - XI	P-FRC-367				
4	CLASSICAL MECHANICS - XII OR	P-CLM-368	100	4	PR	C
	NUMERICAL LINEAR ALGEBRA - I	P-NLA-368				
5	LAB WORK - III	P-LAB-369	100	4	PR	C
6	PROJECT	P-PRO-370				
7	SEMINAR	P-SEM-371	25	1		

M.Sc. (Mathematics) - II (Semester - IV)

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	FIELD THEORY - XIII	P-FIT-461	100	4	TH	C
2	LINEAR INTEGRAL EQUATIONS - XIV	P-LIE-462				
3	CODING THEORY - II - XV	P-COT-463				
4	NUMERICAL ANALYSIS - XVI	P-NUA-464				
5	LAB WORK - IV	P-LAB-465	100	4	PR	
6	PROJECT WORK	P-PRW-466				
7	SEMINAR	P-SEM-467	25	1		

TOTAL MARKS

TOTAL CREDITS

2500

100