

COURSE CODE	SEM	NAME OF THE COURSE	HR/ W	CR	T CR	T HR/SEM
16P1MATT01	I	LINEAR ALGEBRA	5	4	20	75
16P1MATT02		BASIC TOPOLOGY	5	4		75
16P1MATT03		MEASURE THEORY AND INTERATION	5	4		75
16P1MATT04		ORDINARY DIFFERENTIAL EQUATIONS	5	4		75
16P1MATT05		COMPLEX ANALYSIS	5	4		75
16P2MATT06	II	ABSTRACT ALGEBRA	5	4	20	75
16P2MATT07		ADVANCED TOPOLOGY	5	4		75
16P2MATT08		ADVANCED COMPLEX ANALYSIS	5	4		75
16P2MATT09		FUNCTIONAL ANALYSIS	5	4		75
16P2MATT10		REAL ANALYSIS	5	4		75
16P3MATT11	III	PARTIAL DIFFERENTIAL EQUATIONS	5	4	20	75
16P3MATT12		ADVANCED FUNCTIONAL ANALYSIS	5	4		75
16P3MATT13		GRAPH THEORY	5	4		75
16P3MATT14		OPERATION RESEARCH	5	4		75
16P3MATT15		NUMBER THEORY	5	4		75
16P4MATT16EL	(Electives 5 of 7) Semester IV	DIFFERENTIAL GEOMETRY	5	3	20	75
16P4MATT17EL		MULTIVARIATE CALCULUS AND INTEGRAL TRANSFORMS	5	3		75
16P4MATT18EL		COMBINATORICS	5	3		75
16P4MATT19EL		THEORY OF WAVELETS	5	3		75
16P4MATT20EL		NUMERICAL ANALYSIS	5	3		75
16P4MATT21EL		CODING THEORY AND CRYPTOGRAPHY	5	3		75
16P4MATT22EL		PROBABILITY THEORY	5	3		75
16P4MATPJ		PROJECT/ DISSERTATION		3		100
16MATCV		VIVA VOCE		2		100
<b>TOTAL CREDITS</b>						<b>80</b>