

Department of Mathematics

Course Book (Jan - May 2020) Even Semester

2019-S2 Int MSc Mathematics with Minor in Data Science				
Cat	Code	Title	L-T-P	SLOT
	18MAT121	Multivariable Calculus	3 1 0	E
	18MAT123	Ordinary Differential Equations	3 1 0	C
	18MAT112	Discrete Mathematics	3 1 0	G
	18MAT182	Mathematics Lab 2	0 0 2	L1
	18CSA112	Introduction to Programming 2	3 0 2	D
	18ENG121	Professional Communication	1 0 2	A
	18CUL111	Cultural Education 2	2 0 0	F
		Language 2	1 0 2	B
2018 - S4 Int MSc Mathematics with Minor in Data Science				
	18MAT221	Numerical Methods	3 1 0	C
	18MAT218	Real Analysis 1	3 1 0	A
	18MAT223	Abstract Algebra 1	3 1 0	B
	18MAT216	Statistical Inference	3 1 0	D
	18MAT285	Python Lab for Numerical Methods	0 0 2	L1
	18MAT286	Computing Using R (Lab 2)	0 0 2	L2
	18AVP211	Amrita Value Programme 2	1 0 0	E
	18SSK201	Life Skills 2	1 0 2	F
2017 - S6 Int MSc Maths / Physics				
	16MAT327	Introduction to Complex Analysis	3 1 0	C
	15MAT328	Introduction to Number Theory	3 1 0	D
	16PHY315	Atomic, Molecular and Nuclear Physics	3 1 0	A
	16PHY316	Solid State Physics & Devices	3 1 0	B
		Elective A- option1- 15MAT340 Integral Transforms and Fourier Se		
		Elective A-option2-15 MAT341 Introduction to Operations Research	3 0 0	E
	16MAT391	Mathematics Seminar	0 0 2	P1
	16MPJ399	Project (for Exit - option Students)		P
2019 - S2 M.Sc Maths				
Cat	Code	Title	L-T-P	
	15MAT503	Topology	4 0 0	A
	15MAT512	Functional Analysis	4 0 0	B
	15MAT513	Graph Theory	4 0 0	C
	15MAT514	Partial Differential Equations	4 0 0	D
	15MAT656	Elective II- Time Series Analysis	3 0 0	E
	15AVP 501	Amrita Value Programme	1 0 0	F
2016 - S8 Int M.Sc Maths				
Cat	Code	Title	L-T-P	ES
	15MAT503	Topology	4 0 0	A
	15MAT512	Functional Analysis	4 0 0	B
	15MAT513	Graph Theory	4 0 0	C

	15MAT514	Partial Differential Equations	4 0 0	D
	15MAT656	Elective II- Time Series Analysis	3 0 0	E
2018 - S4 M.Sc Maths				
	15MAT 604	Operator Theory	4 0 0	A
	15MAT672	Elective IV-Advanced Graph Theory	3 0 0	B
	15MAT657	Elective V- Advanced Operations Research	4 0 0	C
	15MAT696	Dissertation	0 0 0	
2015 - S10 Int M.Sc Maths				
	15MAT 604	Operator Theory	4 0 0	A
	15MAT563	Elective II-Advanced Graph Theory	3 0 0	B
	12MAT561	Elective III-Operations Research	4 0 0	C
	12MAT599	Project	0 0 0	