

DEPARTMENT OF MATHEMATICS

P.G. COURSE PATTERN (2017 - 2020)

Sem.	Sub. Code	Subject Title	Hours	Credits
I	17PMA1C01	Algebra - I	6	5
	17PMA1C02	Analysis - I	6	5
	17PMA1C03	Advanced Calculus	6	5
	17PMA1C04	Classical Mechanics	6	5
	17PMA1E1A/ 17PMA1E1B	Numerical Analysis/ Optimization Theory	6	4
Total			30	24
II	17PMA2C05	Algebra - II	6	5
	17PMA2C06	Analysis - II	6	5
	17PMA2C07	Mathematical Statistics	6	4
	17PMA2E2A/ 17PMA2E2B	Differential Geometry/ Graph Theory	6	4
	17PMA2I01	IDC - Mathematical Modelling	4	3
	17PGS2S01	Soft Skills	2	1
Total			30	22
III	17PMA3C08	Field Theory and Lattices	6	5
	17PMA3C09	Topology	6	5
	17PMA3C10	Complex Analysis	6	5
	17PMA3C11	Stochastic Process	6	4
	17PMA3E3A/ 17PMA3E3B	Number Theory/ Combinatorial Mathematics	6	4
Total			30	23
IV	17PMA4C12	Functional Analysis	6	5
	17PMA4C13	Differential Equations	6	5
	17PMA4C14	Operations Research	6	5
	17PMA4R01	Project	12	6
	17PMA4A01	Comprehensive Examination	-	2*
Total			30	21
Total for all semesters			120	90+2*