

THIRUVALLUVAR UNIVERSITY
MASTER OF SCIENCE
DEGREE COURSE
M.Sc. MATHEMATICS
UNDER CBCS
(with effect from 2017 - 2018)

The Course of Study and the Scheme of Examinations

S.NO.	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
						CLA	Unl. Exams	Total
SEMESTE R I						CLA	Unl. Exams	Total
1	MAIN	Paper-1	6	5	Algebra I	25	75	100
2	MAIN	Paper-2	6	5	Real Analysis I	25	75	100
3	MAIN	Paper-3	6	4	Ordinary Differential Equations	25	75	100
4	MAIN	Paper-4	6	5	Differential Geometry	25	75	100
5	ELECTIVE	Paper-1	6	3	(to choose 1 out of 4) A. Finite Element Method B. Discrete Mathematics C. Graph Theory D. Reliability & Queuing Theory	25	75	100
			30	22		125	375	500
SEMESTE R II						CLA	Unl. Exam	Total
6	MAIN	Paper-5	5	4	Algebra II	25	75	100
7	MAIN	Paper-6	6	5	Real Analysis II	25	75	100
8	MAIN	Paper-7	6	5	Partial Differential Equations	25	75	100
9	MAIN	Paper-8	6	4	Mechanics	25	75	100
10	Compulsory Paper		2	2	Human Rights	25	75	100
11	ELECTIVE	Paper-2	5	3	(to choose 1 out of 4) A. *Programming in C++ - Practical B. Fuzzy Mathematics C. Calculus of Variations and Integral Equations D. Mathematical Modelling	25	75	100
			30	23		150	450	600

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