

Thiruthangal Nadar College
B.Sc (Mathematics) - Courses Offered

Year	Subject Name	Core Main	Core Allied / Elective
I	FIRST SEMESTER		
	ALGEBRA & TRIGONOMETRY	✓	
	DIFFERENTIAL CALCULUS	✓	
	NUMERICAL METHODS WITH APPLICATIONS		✓
	SECOND SEMESTER		
	ANALYTICAL GEOMETRY (TWO AND THREE DIMENSIONS)	✓	
	INTEGRAL CALCULUS	✓	
	CALCULUS OF FINITE DIFFERENCE		✓
II	THIRD SEMESTER		
	VECTOR CALCULUS AND APPLICATIONS	✓	
	DIFFERENTIAL EQUATIONS AND APPLICATIONS	✓	
	MATHEMATICAL STATISTICS THEORY & PRACTICAL		✓
	FOURTH SEMESTER		
	TECHNIQUES	✓	
	ELEMENTS OF MATHEMATICAL ANALYSIS	✓	
	TRANSFORM TECHNIQUES		✓
III	FIFTH SEMESTER		
	ALGEBRAIC STRUCTURES-I	✓	
	REAL ANALYSIS-I	✓	
	DYNAMICS	✓	
	DISCRETE MATHEMATICS	✓	
	PROGRAMMING LANGUAGE 'C'		✓
	SIXTH SEMESTER		
	ALGEBRAIC STRUCTURES-II	✓	
	REAL ANALYSIS-II	✓	
	COMPLEX ANALYSIS	✓	
	GRAPH THEORY		✓
	OPERATION RESEARCH		✓