

**Program Structure
M.Sc Mathematics
AY: 2018-19**

SEMESTER I		SEMESTER II			
Course Code	Course Title	L P U	Course Code	Course Title	L P U
MA501	Modern Algebra-I	4 0 4	MA505	Linear Algebra-I	3 0 3
MA502	Mathematical Analysis-I	4 0 4	MA506	Complex Analysis	3 0 3
MA503	Ordinary Differential Equations	4 0 4	MA552	Mathematical Analysis-II	4 0 4
MA521T	C-Programming	3 0 3	MA551	Modern Algebra-II	4 0 4
MA521P	C-Programming LAB	0 2 2	MA522	Probability & Statistics	3 0 3
MA504	Classical Mechanics	3 0 3	MA523	Numerical Analysis	3 0 3
			MA523P	Numerical Analysis LAB	0 0 2
	Total Units (20)			Total Units (22)	
Summer Term	Summer Internship- I- MSCIP101-005				
SEMESTER III		SEMESTER IV			
Course Code	Course Title	L P U	Course Code	Course Title	L P U
MA557	Topology	4 0 4	MA553	Calculus of Variation & Integral Equation	4 0 4
MA559	Functional Analysis	4 0 4	MA556	Mathematical Methods	4 0 4
MA554	Operation Research	4 0 4	MA659	Elective-II (Numerical Linear Algebra)	4 0 4
MA555	Linear Algebra-II	4 0 4	MA656	Elective-III (Functional Analysis-II)	4 0 4
MA558	Partial Differential Equations	4 0 4	MA691	Master's Dissertation	10
MA524	Technical Report writing (Latex)	2 0 2	MA553	Calculus of Variation & Integral Equation	4 0 4
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	Total Units (26)			Total Units (26)	


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 Kamakhya, Imphal, Manipal

Summer Term	
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List of Electives

Course Code	Course Title	L T P U
MA602	Discrete mathematics	4 0 4
MA603	Graph Theory	4 0 4
MA659	Numerical Linear Algebra	4 0 4
MA612	Mathematical Biology	4 0 4
MA610	Measure Theory	4 0 4
MA656	Functional Analysis-II	4 0 4
MA602	Discrete mathematics	4 0 4
.....	Operator Theory	4 0 4


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