

SCHOOL OF SCIENCE
DEPARTMENT OF MATHEMATICS
NEP 2020 - Course Structure


Programme Name: - Master of Science (Mathematics)
Semester - I


Batch: AY 23-24 onwards

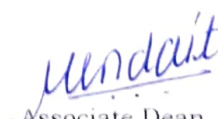
Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	UC	NRDP101	Research Methodology	4	0	0	4	50	-	100	-	100
2	PC	NPMT101	Advanced Calculus	4	0	0	4	50	-	100	-	100
3	PC	NPMT102	Numerical Analysis	4	0	0	4	50	-	100	-	100
4	PC	NPMT103	Computational Mathematics I	4	0	0	4	50	-	100	-	100
5	PE	NPMTE_	Programme Elective-I	3	-	2	4	50	50	100	50	100
TOTAL				19	-	2	20	250	50	500	50	500

Course Code	Programme Elective I
NPMTE01	Abstract Algebra
NPMTE02	Ordinary Differential Equations
NPMTE03	Linear Algebra

		Formative Assessment		
		CIA	Weightage	Description
CIA: Continuous Internal Assessment L: Theory Lecture T: Tutorial P: Practical ESE: End Semester Exam	UC: University Core PC: Programme Core PE: Programme Elective OE: Open Elective	CIA 1	10%	Home Assignment
		CIA 2	20%	Written Exam
		CIA 3	10%	Activity/Project and research based learning along with seminar presentation
		CIA 4	10%	Behavioural Attitude +General Discipline Theory +Practical attendance
		TOTAL	50%	


BOS
Chairperson


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Associate Dean
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SCHOOL OF SCIENCE
DEPARTMENT OF MATHEMATICS
NEP 2020 - Course Structure

Programme Name: - Master of Science (Mathematics)
Semester - II

Batch: AY 23-24 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	PC	NPMT201	Complex Analysis	4	0	0	4	50	0	100	0	100
2	PC	NPMT202	Topology	4	0	0	4	50	0	100	0	100
3	PC	NPMT203	Computational Mathematics II	4	0	0	4	50	0	100	0	100
4	PE	NPMTE__	Programme Elective-II	3	-	2	4	50	50	100	50	100
5	PC	NPMT211	Field Project/Internship	0	0	8	4	-	50	-	50	100
TOTAL				15	00	10	20	200	100	400	100	500


Course Code	Programme Elective II
NPMTTE04	Partial Differential Equations
NPMTTE05	Integral Transforms and their Applications
NPMTTE06	Number Theory

		Formative Assessment		
		CIA	Weightage	Description
CIA: Continuous Internal Assessment L: Theory Lecture T: Tutorial P: Practical ESE: End Semester Exam	UC: University Core PC: Programme Core PE: Programme Elective OE: Open Elective	CIA 1	10%	Home Assignment
		CIA 2	20%	Written Exam
		CIA 3	10%	Activity/Project and research based learning along with seminar presentation
		CIA 4	10%	Behavioural Attitude +General Discipline Theory +Practical attendance
		TOTAL	50%	

Exit option: PG Diploma with 40 credits.


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