

SRM UNIVERSITY-AP, ANDHRA PRADESH
DEPARTMENT OF MATHEMATICS
COURSE OFFERED FOR ODD SEMESTER JUL-DEC 2022

CORE COURSES

S. No	Course Name	Course Code	Sem
1	Single variable Calculus	MAT 112/MAT 152	I Sem
2	Differential equations	MAT 131/MAT 154	III Sem
3	Discrete Mathematics	MAT 141/MAT 252	III Sem
4	Linear Algebra	MAT 211	V Sem & III Sem
5	Introduction to science and technology studies	MAT 305	III Sem
6	The Foundation of Mathematics		I Sem

Open Electives

S. No	Course Name	Course code
1	Calculus of variation	MAT 355
2	Partial Differential Equations	MAT 304
3	An Introduction to Elliptic Curve Cryptography	MAT 360
4	Complex Analysis and Applications	MAT 361
5	Linear Programming and optimization	MAT 354

MINOR COURSES

S No	Course Name	Course code
1	Combinatorics	MAT 232M
2	Numerical Analysis	MAT 302M
3	Linear programming and Optimization	MAT 354M
4	Number Theory	MAT 303M