

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA
DEPARTMENT: MATHEMATICS

COURSE TITLES & CODES W.E.F. THE AY 2023-24

S.No.	Sem	Course Title	Course Code	LTP	Credits
1	I	Essentials and Applications of Mathematical, Physical & Chemical Sciences	23SCCCEA14	401	4
2		Advances in Mathematical, Physical & Chemical Sciences	23SCCCAS14	401	4
Core Courses (CC)					
3	II	Differential Equations - Minor	23MTCCDE24	401	4
4		Analytical Solid Geometry	23MTCCAG24	401	4
Community Service Project					
Core Courses (CC)					
5	III	Group Theory - Minor	23MTCCGT34	401	4
6		Numerical Methods	23MTCCNM34	401	4
7		Laplace Transforms	23MTCCLT34	401	4
8		Special Functions	23MTCCSF34	401	4
Core Courses (CC)					
9	IV	Ring Theory - Minor	23MTCCRT44	401	4
10		Introduction to Real Analysis - Minor	23MTCCRA44	401	4
11		Integral Transforms	23MTCCIT44	401	4
Summer Internship Project					
Core Courses (CC)					
12	V	Linear Algebra - Minor	23MTCCLA54	401	4
13		Vector Calculus - Minor	23MTCCVC54	401	4
Elective Courses (EC)					
14	V	Functions of Complex Variables (OR)	23MTEC11FC54	401	4
15		Advanced Numerical Methods	23MTEC12NM54		
16		Number Theory (OR)	23MTEC21NT54	401	4
17		Mathematical Statistics	23MTEC22MS54		
Sem VI: Semester-long Internship Project					

COURSE TITLES & CODES W.E.F. THE AY 2020-21

S.No.	Sem	Course Title	Course Code	LTP	Credits
Core Courses (CC)					
1	I	Differential Equations	20MTCCDE15	510	5
2	II	Analytical Solid Geometry	20MTCCAG25	510	5
Community Service Project					
Core Courses (CC)					
3	III	Abstract Algebra	20MTCCAA35	510	5
4	IV	Real Analysis	20MTCCRA45	510	5
5		Linear Algebra	20MTCCLA45	510	5
Summer Internship Project					
Skill Enhancement Elective Courses (SEC)					
6	V	Numerical Methods	20MTSEC11NM5	510	5
7		Special Functions	20MTSEC12 SF5		
		(OR)			
8		Multiple Integrals & Vector Calculus	20MTSEC21MV5	510	5
9		Integral Transforms	20MTSEC22 IT5		
		(OR)			
10		PDE & Fourier Series	20MTSEC31 PF5	510	5
11		Number Theory	20MTSEC32 NT5		
Sem VI: Semester-long Internship Project					