

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A), KAKINADA

DEPARTMENT OF MATHEMATICS

ACADEMIC YEAR - 2022-23

LIST OF COURSES OFFERED

Yr.	Course & Theory	Paper	Title	Workload Hrs / Week	Credits	Max. Marks		
						IA	Extrnl	Total
I	Sem I	I	Differential Equations	6Hrs	5	40	60	100
		II	Analytical Solid	6 Hrs	5	40	60	100
II	Sem III	III	Abstract Algebra	6Hrs	5	5	25	75
		Skill	Analytical Skills	6 Hrs	5	5	25	75
	Sem IV	IV	Real Analysis	5 Hrs	4	5	25	75
		V	Linear Algebra	5 Hrs	4	5	25	75
		VI A	(To choose One pair from the Three alternate pairs ) Numerical Methods	5 Hrs	4	5	25	75
III	Sem V	VII A	Mathematical Special Functions	5 Hrs	4	5	25	75
			<b>OR</b>	5 Hrs	4	5	25	75
		VI B	Multiple integrals and Applications of Vector Calculus	5 Hrs	4	5	25	75
		VII B	Integral transforms with Applications	5 Hrs	4	5	25	75
			<b>OR</b>	5 Hrs	4	5	25	75
		VIC	Partial Differential Equations and Fourier Series	5 Hrs	4	5	25	75
		VIIC	Number theory	5 Hrs	4	5	25	75