

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

DEPARTMENT OF MATHEMATICS

ACADEMIC YEAR - 2020-21

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	25	75	100
		II	Analytical Solid Geometry	6 Hrs	5	25	75	100
II	Sem III	III	Abstract Algebra	6Hrs	5	25	75	100
		Skill	Analytical Skills	6 Hrs	5	25	75	100
	Sem IV	IV	Real Analysis	6 Hrs	5	25	75	100
	Sem V	V	Ring Theory and Vector Calculus	5 Hrs	5	25	75	100
	Sem V	V	Linear Algebra	5 Hrs	5	25	75	100
III	Sem IV	VI A	(Elective any one) (A)Laplace Transforms (B)Numerical Methods (C)Number Theory (D) Graph Theory	5 Hrs	5	25	75	100
		VII A	Cluster Electives	5 Hrs	5	25	75	100
			A-1 Integral Transforms	5 Hrs	5	25	75	100
			A-2 Special Functions	5 Hrs	5	25	75	100
		A-3 Project Work	5 Hrs	5	50	50	100	
		VII B	B-1Advance Numerical Analysis	5 Hrs	5	25	75	100
B-2Special Functions	5 Hrs		5	25	75	100		

			B-3 Project Work	5 Hrs	5	50	50	100
		VIC	C1-Principals Of Mechanics	5 Hrs	5	25	75	100
			C2- Fluid Mechanics	5 Hrs	5	25	75	100
			C3-Project	5 Hrs	5	50	50	100
		VID	D1-Graph Theory	5 Hrs	5	25	75	100
			D2-Applied Graph Theory	5 Hrs	5	25	75	100
			D3 Project work	5 Hrs	5	50	50	100