

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

**DEPARTMENT OF COMPUTER SCIENCE
B.Sc. Computer Science**

ACADEMIC YEAR - 2024-25

LIST OF COURSES OFFERED

Semester	Paper	Subject	Hrs./Week	Credits	CIA	EX	Total
FIRST YEAR							
SEM - I	1	Essentials and applications of Mathematical, Physical and Chemical Sciences	5	4	40	60	100
	2	Advances in Mathematical, Physical and Chemical Sciences	5	4	40	60	100
SEM - II	3	Problem Solving in C	3	3	40	60	100
		Problem Solving in C Lab	2	1	-	50	50
	4	Digital Logic Design	3	3	40	60	100
		Digital Logic Design Lab	2	1	-	50	50
SECOND YEAR							
SEM - III	5	Object Oriented Programming using Java	3	3	40	60	100
		Object Oriented Programming using Java Lab	2	1	-	50	50
	6	Data Structures using C	3	3	40	60	100
		Data Structures using C Lab	2	1	-	50	50
	7	Computer Organization	3	3	40	60	100
		Computer Organization Lab	2	1	-	50	50
	8	Operating Systems	3	3	40	60	100
		Operating Systems Lab	2	1	-	50	50
SEM - IV	9	Database Management System	3	3	40	60	100
		Database Management System Lab	2	1	-	50	50
	10	Object Oriented Software Engineering	3	3	40	60	100
		Object Oriented Software Engineering Lab	2	1	-	50	50
	11	Data Communications and Computer Networks	3	3	40	60	100
		Data Communications and Computer Networks Lab	2	1	-	50	50
THIRD YEAR							
SEM - V	VI-A	Web Interface Designing Technologies	3	3	40	60	100
		Web Interface Designing Technologies Lab	2	1	-	50	50
	VII-A	Web Applications Development using PHP& MYSQL	3	3	40	60	100
		Web Applications Development using PHP& MYSQL Lab	2	1	-	50	50
	OR						

	VI-B	Internet of Things	3	3	40	60	100
		Internet of Things Lab	2	1	-	50	50
	VII-B	Application Development using Python	3	3	40	60	100
		Application Development using Python Lab	2	1	-	50	50
	OR						
	VI-C	Data Science	3	3	40	60	100
		Data Science Lab	2	1	-	50	50
	VII-C	Python for Data Science	3	3	40	60	100
		Python for Data Science Lab	2	1	-	50	50