



# A.D.M. COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Bharathidasan University

(Nationally Accredited with "A" Grade by NAAC – 3<sup>rd</sup> Cycle)

**NAGAPATTINAM 611 001.**

## PG DEPARTMENT OF COMPUTER SCIENCE

**BCA (2020- 2023)**

### SCHEME OF THE PROGRAMME

SEM	PART	COURSE	TITLE	INST HOUR/ WEEK	CREDIT	EXAM HOURS	MARKS		TOTAL	
							CIA	SE		
I	I	Language Tamil(LC)	Tamil	6	3	3	25	75	100	
	II	Language English(ECL)	English	6	3	3	25	75	100	
	III	Core course-I (CC)	C Programming		5	4	3	25	75	100
		Core course-II (CC)	Programming in C lab		3	3	3	40	60	100
		Core course-III (CC)	Office Automation Lab		2	2	3	40	60	100
		I Allied Course I	Mathematics -I		6	3	3	25	75	100
V	Value Education	Value Education		2	2	3	25	75	100	
		<b>Total</b>		<b>30</b>	<b>20</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>700</b>	
II	I	Language Tamil	Tamil	6	3	3	25	75	100	
	II	Language English	English	6	3	3	25	75	100	
	III	Core Course-IV(CC)	Object Oriented Programming using C++		4	4	3	25	75	100
		Core Course-V(CC)	Programming in C++ Lab		4	4	3	40	60	100
		I Allied Course II- (AC)	Elements of Accounting		3	3	3	25	75	100
		I Allied Course III- (AC)	Mathematics - II		5	3	3	25	75	100
V	Environmental Studies			2	2	3	25	75	100	
		<b>Total</b>		<b>30</b>	<b>22</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>700</b>	

SEM	PART	COURSE	TITLE	INST HOUR/WEEK	CREDIT	EXAM HOURS	MARKS		TOTAL
							CIA	SE	
III	I	Language Tamil(LC)	Tamil	6	3	3	25	75	100
	II	Language English(ELC)	English	6	3	3	25	75	100
	III	Core course- VI(CC)	Java Programming	6	5	3	25	75	100
		Core course-VII (CC)	Java Programming Lab	4	4	3	40	60	100
		II Allied course-I (AC)	Mathematics - III	6	3	3	25	75	100
	IV	Non-Major Elective- I (NME)	Multimedia Lab	2	2	3	40	60	100
		<b>Total</b>		<b>30</b>	<b>20</b>	*	*	*	<b>600</b>
IV	I	Language Tamil (LC)	Tamil	6	3	3	25	75	100
	II	Language English (ELC)	English	6	3	3	25	75	100
	III	Core Course VIII(CC)	Data Structures and Algorithm	5	5	3	25	75	100
		Core Course IX(CC)	Data Structures using C++ Lab	2	2	3	40	60	100
		II Allied Course II (AC)	Financial Management	4	3	3	25	75	100
		II Allied Course III (AC)	Tally Lab	3	3	3	40	60	100
	IV	Non Major- Elective II (NME)	HTML Lab	2	2	3	40	60	100
		Skill Based Course I	HTML AND CSS Lab	2	2	3	40	60	100
		<b>Total</b>		<b>30</b>	<b>23</b>	*	*	*	<b>700</b>

SEM	PART	COURSE	TITLE	INST HOUR/ WEEK	CREDIT	EXAM HOURS	MARKS		TOTAL
							CIA	SE	
V	III	Core Course-X(CC)	Mobile Computing	6	5	3	25	75	100
		Core Course-XI(CC)	Operating Systems	6	5	3	25	75	100
		Core course-XII(CC)	Software Engineering	6	5	3	25	75	100
		Major Based Elective Course-I (MBE)	<b>1.Computer Graphics</b> 2.Programming in PHP	6	6	3	25	75	100
	IV	Skill Based Course II	Computer Graphics and Animation Lab	2	2	3	40	60	100
		Skill Based Course III	Android Lab	2	2	3	40	60	100
	V		Soft Skill Development	2	2	3	25	75	100
		<b>Total</b>		<b>30</b>	<b>27</b>	*	*	*	<b>800</b>
VI		Core Course- XIII (CC)	Database Systems	6	5	3	25	75	100
		Core Course- XIV (CC)	Database Systems Lab	6	5	3	25	75	100
		Core course-XV(CC)	Project	6	5	3	25	75	100
		Major Based Elective Course-II (MBE)	<b>1.Cloud Computing</b> 2. Client/Server Computing	5	5	3	25	75	100
		Major Based Elective Course-III (MBE)	<b>1.Python Programming</b> 2. Dot net Programming	6	6	3	25	75	100
		Extension Activities		-	1				
		Gender Studies		1	1	3	25	75	100
		<b>Total</b>		<b>30</b>	<b>28</b>	*	*	*	<b>600</b>
		<b>Grand Total</b>		<b>180</b>	<b>140</b>	*	*	*	<b>4100</b>