



# 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 AND RESEARCH DEPARTMENT OF CHEMISTRY

B.Sc. CHEMISTRY 2020- 2022 Batch

### SCHEME OF THE PROGRAMME

Sem.	Part	Course	Ins. Hrs	Credit	Exam Hours	Marks		Total Marks
						CIA	SE	
I	I	LC- Language Course - Tamil I	6	3	3	25	75	100
	II	ELC – English Language Course- English I	6	3	3	25	75	100
	III	CC- Core Course I - General Chemistry I	6	6	3	25	75	100
		CC- Core Course II - Volumetric Analysis (P)	3	-	-	-	-	-
		AC –Allied Course I – Maths I / Zoology I	4	3	3	25	75	100
		AC -Allied Course I – Maths II / Zoology II (P)	3	-	-	-	-	-
	IV	Value Education	2	2	3	25	75	100
	<b>Total</b>	<b>30</b>	<b>17</b>				<b>500</b>	
II	I	LC- Language Course – Tamil II	6	3	3	25	75	100
	II	ELC – English Language Course – English II	6	3	3	25	75	100
	III	CC- Core Course II - Volumetric Analysis (P)	3	3	3	40	60	100
		CC - Core Course III – General Chemistry II	6	6	3	25	75	100
		AC -Allied Course I – Maths II / Zoology II (P)	3	3	3	25/ 40	75 / 60	100
		AC -Allied Course I – Maths III / Zoology III	4	3	3	25	75	100
IV	ES – Environmental Studies	2	2	3	25	75	100	
	<b>Total</b>	<b>30</b>	<b>23</b>				<b>700</b>	
III	I	LC- Language Course – Tamil III	6	3	3	25	75	100
	II	ELC – English Language Course -English III	6	3	3	25	75	100
	III	CC - Core Course IV- General Chemistry III	6	6	3	25	75	100
		CC - Core Course V- Qualitative analysis (P)	3	-	-	-	-	-
		AC -Allied Course II - Physics I	4	3	3	25	75	100
		AC -Allied Course II - Physics II (P)	3	-	-	-	-	-
	IV	NME – Non Major Elective I - Chemistry of Consumer Products /Chemistry in Every Day Life I	2	2	3	25	75	100
	<b>Total</b>	<b>30</b>	<b>17</b>				<b>500</b>	

IV	I	LC- Language Course – Tamil IV	6	3	3	25	75	100
	II	ELC – English Language Course – English IV	6	3	3	25	75	100
	III	CC - Core Course V- Qualitative analysis (P)	2	3	3	40	60	100
		CC – Core Course VI –General Chemistry IV	5	4	3	25	75	100
		AC - Allied Course II-Physics II (P)	3	3	3	40	60	100
		AC - Allied Course II-Physics III	4	3	3	25	75	100
	IV	NME - Non Major Elective II– Food Science/ Chemistry inEvery Day life	2	2	3	25	75	100
	V	SBE – Skill- Based Elective I- Pharmaceutical Chemistry/Forensic Science	2	2	3	25	75	100
	<b>Total</b>	<b>30</b>	<b>23</b>				<b>800</b>	
V	III	CC – Core Course VII–Inorganic Chemistry I	5	5	3	25	75	100
		CC- Core Course VIII –Organic Chemistry I	5	5	3	25	75	100
		CC – Core Course IX–Physical Chemistry I	6	6	3	25	75	100
		CC- Core Course X – Physical Chemistry (P)	3	3	3	40	60	100
		MBE –Major Based Elective I –Analytical Chemistry / Material and Nano Technology	5	5	3	25	75	100
	IV	SBE –Skill Based Elective II- Applied Chemistry / IndustrialChemistry	2	2	3	25	75	100
		SBE – Skill Based Elective III- Polymer Chemistry / GreenChemistry	2	2	3	25	75	100
		Soft Skill Development	2	2	3	25	75	100
	<b>Total</b>	<b>30</b>	<b>30</b>				<b>800</b>	
VI	III	CC- Core Course– XI –Organic Chemistry II	6	6	3	25	75	100
		CC- Core Course– XII–Physical Chemistry II	6	6	3	25	75	100
		CC – Core Course– XIII–Gravimetric and Organic Analysis (P)	6	6	6	40	60	100
		MBE – Major Based ElectiveII- Nuclear, Industrial and Metallic State / Petroleum Chemistry	6	5	3	25	75	100
		MBE – Major Based ElectiveIII- Agricultural Chemistry / Environmental Chemistry	5	5	3	25	75	100
	V	EA - Extension Activities	-	1	-	-	-	-
		GS – Gender Studies	1	1	3	25	75	100
		<b>Total</b>	<b>30</b>	<b>29</b>				<b>600</b>
	<b>Grand Total</b>	<b>180</b>	<b>140</b>				<b>3900</b>	

