



# 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 ZOOLOGY

**B.Sc., ZOOLOGY (2020- 2023)**

### SCHEME OF THE PROGRAMME

Semester	Paper	Title	Inst. hours/ week	Credit	Exam hours	Marks		Total Marks
						CIA	SE	
I	Part - I	Language Course - I (LC) Tamil/Other Language	6	3	3	25	75	100
	Part - II	English Language Course – I (ELC)	6	3	3	25	75	100
	Part – III Core Course - I	Biology of Invertebrates – (CCI)	6	5	3	25	75	100
	Core Practical – I (CP)	Practical – I: Biology of Invertebrates - & Chordates	3	-	-	-	-	-
	I Allied Course I	I -Botany paper	4	4	3	25	75	100
	I Allied Course II	II -Botany Practical	3	-	-	-	-	-
	Part – IV	Value Education	2	2	3	25	75	100
<b>Total</b>			<b>30</b>	<b>17</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>500</b>
II	Part - I	Language Course - II (LC) Tamil/Other Language	6	3	3	25	75	100
	Part -II	English Language Course – II (ELC)	6	3	3	25	75	100
	Part – III Core Course - II	Biology of Chordates –(CCII)	6	5	3	25	75	100
	Core Practical – I (CP)	Practical - I (Biology of Invertebrates - & Chordates)	3	3	3	40	60	100
	I Allied Course II	II -Botany Practical	3	3	3	40	60	100
	I Allied Course III	III -Botany paper	4	4	3	25	75	100
	Part – IV	Environmental Studies	2	2	3	25	75	100
<b>Total</b>			<b>30</b>	<b>23</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>700</b>

III	Part - I	Language Course – III (LC) Tamil/Other Language	6	3	3	25	75	100
	Part -II	English Language Course – III (ELC)	6	3	3	25	75	100
	Part – III Core Course – III	Cell and Molecular Biology(CCIII)	6	5	3	25	75	100
	Core Practical – II (CP)	Practical – II (Core Course III & IV)	3	-	-	-	-	-
	II Allied Course I	Chemistry-I(AC)	4	4	3	25	75	100
	II Allied Course II	Chemistry Practical	3	-	-	-	-	-
	Skill Based Elective I	Apiculture/ Bioinstrumentation	2	2	3	25	75	100
	Non Major Elective I	Public Health and Hygiene/Food and Nutrition	2	2	3	25	75	100
	<b>Total</b>			<b>30</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>-</b>
IV	Part - I	Language Course – IV (LC) Tamil/Other Language	6	3	3	25	75	100
	Part -II	English Language Course – IV (ELC)	6	3	3	25	75	100
	Part – III Core Course – IV	Developmental Biology (IV)	4	4	3	25	75	100
	Core Practical – II (CP)	Practical – II (Core Course III & IV)	3	3	3	40	60	100
	IIAllied Course II	Chemistry Practical(ACII)	3	4	3	40	60	100
	IIAllied Course III	Chemistry Paper – II	4	3	3	25	75	100
	Skill Based Elective – II	Poultry science/ Dairy farming	2	2	3	25	75	100
	Non Major Elective II	Commercial Zoology/Ornamental Fish Farming	2	2	3	25	75	100
	<b>Total</b>			<b>30</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>-</b>

V	Core Course V	Genetics and Microbiology	5	5	3	25	75	100
	Core Course VI	Environmental Biology, Biodiversity conservation and Evolution	5	5	3	25	75	100
	Core Course VII	Biotechnology	5	5	3	25	75	100
	Core Practical – III (CP)	Practical III (Core Course - V, VI, And VII)	4	4	3	40	60	100
	Major Based Elective I	Applied Entomology/ Sericulture	5	5	3	25	75	100
	Skill Based Elective – III	Vermiculture / Coastal Aquaculture	2	2	3	25	75	100
	Soft Skill Development	Soft Skill Development	2	2	3	25	75	100
	<b>Total</b>			<b>30</b>	<b>30</b>	*	*	*
VI	Core Course VIII	Animal Physiology	6	6	5	25	75	100
	Core Course IX	Biophysics, Biochemistry and Biostatistics	6	6	3	25	75	100
	Core Practical – IV (CP)	Core Practical – IV (Core Course VIII& IX)	5	5	3	40	60	100
	Major Based Elective II	Medical Lab Technology /Bioinformatics	6	5	3	25	75	100
	Major Based Elective – III	Economic Zoology/Wild life Biology	6	5	3	25	75	100
	Extension Activities	Extension Activities	-	1	-	-	-	-
	Gender Studies	Gender Studies	1	1	3	25	75	100
	<b>Total</b>			<b>30</b>	<b>29</b>	*	*	*
			<b>180</b>	<b>140</b>	*	*	*	<b>3900</b>