

GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM

(Curriculum – B.Sc., Zoology – 2021 - 2022)

Department: ZOOLOGY

Programme Code: USZO

SEMESTER – I

Part	Course Type	Course Code	Title of the Course	Hrs/ Week	Credits	Exam Hrs	Marks		
							CIA	ESE	Total
I	LC	U211T1	Tamil	6	3	3	25	75	100
II	ELC	U211E1	English	6	3	3	25	75	100
III	CC – I	U21ZC101	Invertebrate	6	5	3	25	75	100
III	CC – II	U21ZC102P	Practical I: Invertebrata	3	2	3	40	60	100
III	AC - I	U211ACH1	Allied Chemistry – I	5	4	3	25	75	100
III	AC – II	U212ACH2P	Allied Chemistry Practical– II	2	--	--	--	--	---
IV	AEC	U211VE	Value Education	2	2	3	25	75	100
Total				30	19				600

SEMESTER – II

Part	Course Type	Course Code	Title of the Course	Hrs/ Week	Credits	Exam Hrs	Marks		
							CIA	ESE	Total
I	LC	U212T2	Tamil	6	3	3	25	75	100
II	ELC	U212E2	English	6	3	3	25	75	100
III	CC – III	U21ZC203	Chordata	6	5	3	25	75	100
III	CC – IV	U21ZC204P	Practical II : Chordata	3	2	3	40	60	100
III	AC -II	U212ACH2P	Allied Chemistry Practical– II	2	4	3	40	60	100
III	AC - III	U212ACH3	Allied Chemistry – III	5	4	3	25	75	100
IV	AEC	U212ES	Environmental Studies	2	2	3	25	75	100
Total				30	23				700

SEMESTER – III

Part	Course Type	Course Code	Title of the Course	Hrs/ Week	Credits	Exam Hrs	Marks		
							CIA	ESE	Total
I	LC	U213T3	Tamil	6	3	3	25	75	100
II	ELC	U213E3	English	6	3	3	25	75	100
III	CC V	U21ZC305	Cell Biology	6	5	3	25	75	100
III	CC VI	U21ZC306P	Cell Biology Practical	3	2	3	40	60	100
III	AC – IV	U213AB1	Algae, Fungi, Bryophytes, Pteridophytes, Gymnosperms, Taxonomy and Horticulture	5	4	3	25	75	100
III	AC – V	U214AB2P	Allied Botany - Practical II	2	--	--	--	--	--
IV	NMEC – I	U21Z3NME1:1	Vermiculture	2	2	3	25	75	100
		U21Z3NME1:2	Basic medical knowledge						
Total				30	19				600
SSC – I		U213SS1	Mathematical Aptitude For Competitive Exam	-	2	2	-	100	100

SEMESTER – IV

Part	Course Type	Course Code	Title of the Course	Hrs/ Week	Credits	Exam Hrs	Marks			
							CIA	ESE	Total	
I	LC	U214T4	Tamil	6	3	3	25	75	100	
II	ELC	U214E4	English	6	3	3	25	75	100	
III	CC -VII	U21ZC407	Environmental Biology	5	5	3	25	75	100	
III	CC – VIII	U21ZC408P	Environmental Biology Practical	3	2	3	40	60	100	
III	AC – V	U214AB2P	Allied Botany - Practical II	4	4	3	40	60	100	
III	AC – VI	U214AB3	Anatomy, Embryology, Physiology and Phytotherapy	2	4	3	25	75	100	
IV	NMEC– II	U21Z4NME2:1	Apiculture	2	2	3	25	75	100	
		U21Z4NME2:2	Public health and hygiene							
IV	SEC – I	U214ZOSE1	Vermitechnology	Theory	1	1	-	20	-	100
				Practical	1	1	2	20	60	
Total				30	25				800	
SSC – II		U214SS2	Social Studies for Competitive Exam	--	2	2	-	100	100	

SEMESTER – V

Part	Course Type	Course Code	Title of the Course		Hrs/ Week	Credits	Exam Hrs	Marks		
								CIA	ESE	Total
III	CC – IX	U21ZC509	Evolution		5	5	3	25	75	100
III	CC – X	U21ZC510	Developmental Biology and Immunology		5	5	3	25	75	100
III	CC – XI	U21ZC511	Animal Physiology		5	5	3	25	75	100
III	CC – XII	U21ZC512P	Evolution , Developmental Biology & Immunology and Animal Physiology Practical		6	4	3	40	60	100
III	MBEC– I	U21Z5MBE1:1	Biostatistics		5	5	3	25	75	100
		U21Z5MBE1:2	Agricultural Pest management							
		U21Z5MBE1:3	Apiculture							
IV	SEC – II	U21ZOSE2	Aquarium Fish Keeping	Theory	1	1	-	20	-	100
				Practical	1	1	2	20	60	
IV	SEC –III	U21ZOSE3	Basic computer applications - Practical		2	2	2	40	60	100
Total					30	28				700

SEMESTER – VI

Part	Course Type	Course Code	Title of the Course		Hrs/ Week	Credits	Exam Hrs	Marks		
								CIA	ESE	Total
III	CC – XIII	U21ZC613	Genetics and Molecular Biology		6	5	3	25	75	100
III	CC – XIV	U21ZC614	Microbiology and Biotechnology		6	5	3	25	75	100
III	CC – XV	U21ZC615P	Genetics and Molecular Biology, Microbiology And Biotechnology Practical		6	4	3	40	60	100
III	MBEC – II	U21Z6MBE2:1	Biochemistry		6	5	3	25	75	100
		U21Z6MBE2:2	Endocrinology							
		U21Z6MBE2:3	Value addition of Fish products and processing							
III	MBEC– III	U21Z6MBE3:1	Human Nutrition		5	5	3	25	75	100
		U21Z6MBE3:2	Poultry farming							
		U21Z6MBE3:3	Economic Entomology							
V	AEC	U216GS	Gender Studies		1	1	3	25	75	100
V		U21EA	NSS /YRC/ SPORTS		--	1	-	-	-	-
Total					30	26				600

COURSE OFFERED BY THE DEPARTMENT OF ZOOLOGY

Part	Course Type	Course Code	Title of the Course	Hrs/ Week	Credits	Exam Hrs	Marks		
							CIA	ESE	Total
III	AC - I	U211AZ1	Biology of Invertebrates and Chordates	5	4	3	25	75	100
III	AC -II	U212AZ2P	Allied Zoology practical	2	4	3	40	60	100
III	AC - III	U212AZ3	General Principles and Applied Zoology	5	4	3	25	75	100

COURSE STRUCTURE ABSTRACT FOR

B.SC., PROGRAMME 2021-2022 ONWARDS

Part	Course		Total No. of Papers	Hours	Credit	Mark
I	Language Course (LC)		4	24	12	400
II	English Language Course (ELC)		4	24	12	400
III	Core Course (CC)		15	74	61	1500
III	Allied Course (AC)		6	27	24	600
III	Major Based Elective Course (MBEC)		3	16	15	300
IV	Non Major Elective Course (NMEC)		2	4	4	200
IV	Skill Enhancement (SEC)		3	6	6	300
IV	Ability Enhancement Course (AEC)	Value Education	1	2	2	100
IV		Environmental Studies	1	2	2	100
V		Gender Studies	1	1	1	100
V	Extension Activities		--	-	1	---
Total			40	180	140	4000
Extra Credit Courses						
Self Study Course (SSC)			2		4	200
Total			42		144	4200