

BHARATHIAR UNIVERSITY: COIMBATORE 641 046

B. Sc., ZOOLOGY CURRICULUM

(For the students admitted during the academic year 2020 – 21 onwards)

Part	Course Code	TITLE OF THE COURSE	Credits	HOURS		MAXIMUM MARKS		
				Theory	Practical	CIA	ESE	Total
	FIRST SEMESTER							
I	11T	Language I	4	6	-	25	75	100
II	12E	English I	4	6	-	25	75	100
III	13A	Core Course I: Animal Diversity – Non Chordate	4	6	-	25	75	100
III		Core Practical I	-	-	4	-	-	-
III	1AH	Allied A Course I Chemistry/Botany/ Biochemistry	3	4		20	55	75
III		Allied Practical	-	-	2	-	-	-
IV	1FA	Environmental Studies	2	2	-	-	50	50
		Total	17	-	-	-	-	425
	SECOND SEMESTER							
I	21T	Language II	4	6	-	25	75	100
II	22E	English II	4	6	-	25	75	100
III	23A	Core Course II: Animal Diversity – Chordate	4	6	-	25	75	100
III	23P	Core Practical I	4	-	4	40	60	100
III	2AH	Allied A Course II Chemistry /Botany/Biochemistry	3	4	-	20	55	75
III	2PH	Allied Practical	2	-	2	20	30	50
IV	2FB	Value Education – Human Rights	2	2	-	-	50	50
		Total	23	-	-	-	-	575
	THIRD SEMESTER							
I	31T	Part I-Language III	4	6	-	25	75	100
II	32E	Part II-English III	4	6	-	25	75	100
III	33A	Core Course III: Comparative Anatomy of Vertebrates.	4	5	-	25	75	100
III		Core Practical II	-	-	2	-	-	-
III	3AJ	Allied B Course I Botany /Chemistry/ Biochemistry	3	4	-	20	55	75
III		Allied Practical	-	-	2	-	-	-
IV	3ZA	Skill Based I: Sericulture	3	3	-	20	55	75
IV	3FC	Non Major Elective I *	2	2	-	-	50	50
		Total	20	-	-	-	-	500

FOURTH SEMESTER								
I	41T	Part I-Language IV	4	6	-	25	75	100
II	42E	Part II-English IV	4	6	-	25	75	100
III	43A	Core Course IV: Ecology, Evolution and Zoogeography	4	5	-	25	75	100
III	43P	Core Practical II	4	-	2	40	60	100
III	4AJ	Allied B Course II Botany/Chemistry/ Biochemistry	3	4	-	20	55	75
III	4PJ	Allied Practical	2	-	2	20	30	50
IV	4ZB	Skill Based II: Biostatistics and Computer Applications	3	3	-	20	55	75
IV	4FE	Non Major Elective I *	2	2	-	-	50	50
Total			26	-	-	-	-	650
FIFTH SEMESTER								
III	53A	Core Course V: Cell Biology and Biochemistry.	4	5	-	25	75	100
III	53B	Core Course VI: Microbiology	4	5	-	25	75	100
III	53C	Core Course VII: Genetics and Immunology	4	5	-	25	75	100
III		Core Practical III	-	-	2	-	-	-
III		Core Practical IV	-	-	2	-	-	-
III	5EB	Elective Course I: A/B/C#	3	3	-	20	55	75
III	5EE	Elective Course II: A/B/C#	3	3	-	20	55	75
III		Elective Course III: Practical#	-	-	2	-	-	-
IV	5ZC	Skill Based Course III: Biophysics and Instrumentation.	3	3	-	20	55	75
TOTAL			21	-	-	-	-	525
SIXTH SEMESTER								
III	63A	Core Course VIII: Animal Physiology.	4	5	-	25	75	100
III	63B	Core Course IX: Developmental Biology.	4	5	-	25	75	100
III	63C	Core Course X: Biotechnology.	4	5	-	25	75	100
III	63P	Core Practical III	4	-	2	40	60	100
III	63Q	Core Practical IV	4	-	2	40	60	100
III	6EB	Elective Course I: A/B/C#	3	3	-	20	55	75
III	6EE	Elective Course II: A/B/C#	3	3	-	20	55	75
III	63R	Elective Course III: Practical#	2	-	2	20	30	50

IV	6ZP	Skill Based Course IV: Practical	3	-	2	30	45	75
V	67A	Extension activities**	2	1	-	-	-	50
		TOTAL	33	-	-	-	-	825
		GRAND TOTAL	140					3500
ONLINE COURSES								
		1.	SWAYAM					
		2.	MOOC'S					

* Non Major Elective I: Basic Tamil I / Advanced Tamil I / Yoga / Women studies and Non major Elective II: Basic Tamil II / Advanced Tamil II / General Awareness.

* It is compulsory that those who opt for any languages other than Tamil, they should choose Basic Tamil (Who don't studied Tamil) or Advanced Tamil (For those who studied Tamil up to HSC).

** Only internal marks.

Elective Courses

List of Elective courses(Colleges can choose one course from Elective I & II, Elective III will be the practical of Elective II)

Elective Course I	A	Human Genetic and Counseling – Course I & II,
	B	Pest and their control – Course I & II.
	C	Wild life management and Conservation – Course I & II.
Elective Course II	A	Pathology and clinical laboratory technology – Course I & II.
	B	Poultry science & Management – Course I & II.
	C	Apiculture – Course I & II.
Elective Course III	A	Pathology and clinical laboratory technique – Practical.
	B	Poultry science and Management – Practical.
	C	Apiculture – Practical.

#VALUE ADDED COURSE (OPTIONAL)

S. No	PAPAERS	TOTAL MARKS
1.	Medical Emergence Management.	100
2.	Vermitechnology	100
3.	Economics of Conservation	100
4.	Intellectual Property Rights	100