



SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25)
Syllabus with effect from the Academic Year 2021-2022

PROGRAMME STRUCTURE
M.Sc. Zoology Semester: II

Programme Outcome (PO) - For M.Sc. Zoology Programme	Upon successful completion of Masters of Science in Zoology students will be able to : <ul style="list-style-type: none">● Develop an understanding to associate theoretical concepts and practical skills of Zoological Sciences in day-to-day life● Gain the expertise in operating laboratory instruments with their basic mechanisms and applications● Analyze critically, think holistically and apply the knowledge of various dimensions of Animal Sciences in teaching and research● Correlate the impact of dynamics of ecology with evolution, embryology and development of specific behavior patterns in animals and humans● Accomplish different specialized tasks devotedly suiting to the needs to wildlife conservation, industry, research laboratories and academic institutions
Programme Specific Outcome (PSO) - For MSc Zoology Semester - II	<ul style="list-style-type: none">● To understand methods and applications of analytical techniques for characterization and separation● To study complexities of behavioral patterns in captivity and in wild● To learn about immune system, defense mechanisms and related abnormalities
To Pass	(1) At least 40% marks in each paper at the University Examination and 40% aggregate marks in Internal and External Assessment. (2) At least 33% Marks in each paper in Internal Assessment.





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Course Type	Course Code	Name Of Course	Theory/ Practical	Credit	Exam Duration in hrs	Component of Marks		
						Internal	External	Total
						Total	Total	Total
Core Course	PS02CZOO51	Bioanalytical Techniques	T	4	3	30	70	100
	PS02CZOO52	Ethology	T	4	3	30	70	100
	PS02CZOO53	Immunology	T	4	3	30	70	100
	PS02CZOO54	Practical	P	4	3	30	70	100
	PS02CZOO55	Practical	P	4	3	30	70	100
	PS02CZOO56	Viva-Voce	=	1	=	=	50	50
Elective Course (Any One)	PS02EZO051	Ecological Principles	T	4	3	30	70	100
	PS02CZOO53	Medical Biochemistry	T	4	3	30	70	100
	PS02EZO054	Microtechniques	T	4	3	30	70	100

