



PROGRAMME STRUCTURE

M.Sc. Zoology Semester: I

Programme Outcome (PO) - For M.Sc. Zoology Programme	<p>Upon successful completion of Masters of Science in Zoology students will be able to :</p> <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 - I	<ul style="list-style-type: none">● To learn about different cytological and molecular level processes in both prokaryotes and eukaryotes including its regulation.● To correlate various level adaptations, variations and speciation using stratigraphy

To Pass	<p>(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.</p>
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SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25))
Syllabus with effect from the Academic Year 2021-2022

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	PS01CZOO51	Molecular Biology	T	4	3	30	70	100
	PS01CZOO52	Evolutionary Biology	T	4	3	30	70	100
	PS01CZOO53	Cell Biology	T	4	3	30	70	100
	PS01CZOO54	Practical	P	4	3	30	70	100
	PS01CZOO55	Practical	P	4	3	30	70	100
	PS01CZOO56	Viva-Voce	=	1	=	=	50	50
Elective Course (Any One)	PS01EZOO51	Phytoresources	T	4	3	30	70	100
	PS01EZOO52	Biostatistics	T	4	3	30	70	100
	PS01EZOO53	Taxonomy and Animal Systematics	T	4	3	30	70	100

