

**Gondwana University, Gadchiroli**  
**Faculty of Science & Technology**  
**Two Years Regular Post Graduate Program: M.Sc. (Zoology)**  
**Semester-I**

**Course and Examination Scheme- 2023-2024**

Course Code.	Name of Subject	Total Credit	Lectures (L)	Tutorials (T)	Practical (P)	Total Hrs	University Examination								
							Theory					Practical			
							UA	CA	Total mark	Duration of Exam (Hrs)	Min Passing	UA	CA	Total marks	Min Passing
01MSCZOO1	Structure and function of invertebrates	04	04	--	--	04	80	20	100	3	40	--	--	--	--
01MSCZOO2	General Physiology	03	03	--	--	04	80	20	100	3	40	--	--	--	--
01MSCZOO3	Cell Biology and Genetic	03	03	--	--	04	80	20	100	3	40	--	--	--	--
<b>Elective- I (Any One)</b>															
01MSCZOO4	Bio instrumentation, Bioinformatics and Biostatistics	04	04	--	--	04	80	20	100	3	40	--	--	--	--
01MSCZOO4	Environmental science and Basic concepts of Ecology														
01MSCZOO4	Ecology and Environmental Pollution														
01MSCZOO4	Medical Laboratory Techniques														
01MSCZOO4	BasicLimnology														
01MSCZOO5	Research Methodology	04	04			04	80	20	100	3	40	--	--	--	--
01MSCZOO6	Practical -I	02	--	--	02	04	--	--	--	--	--	30	20	50	25
	Total	20	18		02	22	400	100	500	--	--	30	20	50	--

**Gondwana University, Gadchiroli**  
**Faculty of Science & Technology**  
**Two Years Regular Post Graduate Program: M.Sc. (Zoology)**  
**Semester-II**

**Course and Examination Scheme- 2023-2024**

Course Code.	Name of Subject	Total Credit	Lectures (L)	Tutorials (T)	Practical (P)	Total Hrs	University Examination									
							Theory					Practical				
							UA	CA	Total mark	Duration of Exam (Hrs)	Min Passing	UA	CA	Total marks	Min Passing	
02MSCZOO1	Structure and function of vertebrates	04	04	--	--	04	80	20	100	3	40	--	--	--	--	
02MSCZOO2	Comparative Endocrinology	03	03	--	--	04	80	20	100	3	40	--	--	--	--	
02MSCZOO3	Molecular Biology and Biotechnology	03	03	--	--	04	80	20	100	3	40	--	--	--	--	
<b>Elective- I (Any One)</b>																
02MSCZOO4	Biology of Parasites	04	04	--	--	04	80	20	100	3	40	--	--	--	--	
02MSCZOO4	Aquaculture and Management															
02MSCZOO4	Applied Entomology															
02MSCZOO4	General and Applied Ichthyology															
02MSCZOO4	Economic Zoology															
02MSCZOO5	* Industrial Training/ Field Project / Research Project	04	--			08	08	--	--	---	40	50	50	100	50	
02MSCZOO6	** Practical II	02	--	--		04	04	--	--	--	--	30	20	50	25	
	Total	20	14			12	28	320	80	400	--	--	80	70	150	--

\* OJT- On Job Training with Seminar

\*\* Practical II shall be based on core subjects