

Dr . BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD



FACULTY OF SCIENCE & TECHNOLOGY

2 Years P.G. Programme

Course Structure & Curriculum

AS PER NEP-2020

Subject: Zoology

Course structure for M.Sc. IST year

**For affiliated colleges.
(Effective from 2023-24)**


Dean
Faculty of Science & Technology
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad

As per NEP 2020

Credit distribution structure for Two Years with Multiple Entry and Exit options –
Class: M.Sc. First Year Semester: Ist Semester

Subject: Zoology

Theory + Practical

Course type	Course Code	Course name	Teaching Scheme (Hrs./ week)		Credits Assigned		Total Credits
			Theory	Practical	Theory	Practical	
Major Mandatory DSC Core Course	ZOO/MJ/-500	Biosystematics and animal diversity.	3	-	3	-	14
	ZOO/MJ/-501.	Biochemistry	3	-	3		
	ZOO/MJ/-502	Ecology(Principle and Practices).	3		3		
	ZOO/MJ/-503	practical based on ZOO/MJ/-500		2	-	1	
	ZOO/MJ/-504	practical based on ZOO/MJ/501	-	2	-	1	
	ZOO/MJ/-505	practical based ONZOO/MJ/ 502	-	2	-	1	
	ZOO/MJ/506	practical based Skill/advanced technique	-	4	-	2	
DSE (Choose any one from pool)	ZOO/DSE/-507	Helminthology I	3	-	3	-	4
	ZOO/ DSE /-508	practical based on ZOO/DSE/-507 OR	-	2	-	1	
	ZOO/ DSE /-509	Protozoology-I	3	-	3		
	ZOO/ DSE /-510	practical based on ZOO/DSE/-509 OR	-	2	-	1	
	ZOO/ DSE /-511	Entomology- I	3	-	3		
	ZOO/ DSE /-512	practical based on ZOO/DSE/-511 OR	-	2	-	1	
	ZOO/ DSE /-513	Endocrinology-I	3	-	3		
	ZOO/ DSE /-514	practical based on ZOO/DSE/-513	-	2	-	1	
RM	ZOO/RM/-515	Research Methodology-I (Theory)	4	-	4	-	04
			16	12	16	06	Total Credits-22

Class: M.Sc. First Year , Semester: II Semester
Subject: -Zoology Theory+ Practical

Course Type	Course Code	Course name	Teaching Scheme (Hrs./ week)		Credits Assigned		Total Credits
			Theory	Practical	Theory	Practical	
Major Mandatory DSC	ZOO/MJ/-550	Genetics and Bioinformatics	3	-	3	-	14
	ZOO/MJ/-551	Cell and Molecular Biology	3	-	3	-	
	ZOO/MJ/-552	Immunobiology	3	-	3	-	
	ZOO/MJ/-553	practical based on ZOO/MJ/-550	-	2	-	1	
	ZOO/MJ/-554	practical based on ZOO/MJ/-551	-	2	-	1	
	ZOO/MJ/-555	practical based on ZOO/MJ/-552	-	2	-	1	
	ZOO/MJ/-556	Practical based Skill/Advance technique	-	4	-	2	
DSE (any one)	ZOO/DSE/-557	Helminthology-II	3	-	3	-	04
	ZOO/DSE/-558	practical based on ZOO/DSE/557 OR	-	2	-	1	
	ZOO/DSE/-559	Protozoology II	3	-	3	-	
	ZOO/DSE/-560	practical based on ZOO/DSE/559 OR	-	2	-	1	
	ZOO/DSE/-561	Entomology- II	3	-	3	-	
	ZOO/DSE/-562	practical based on ZOO/DSE/-561 OR	-	2	-	1	
	ZOO/DSE/-563	Endocrinology-II	3	-	3	-	
	ZOO/DSE/-564	practical based on ZOO/DSE/-563	-	2	-	1	
OJT/FP	ZOO/OJT/FP/-565	OJT/FP	-	4	-	4	04
			12	16	12	10	Total Credits -22

For practical -- 1 Credit = 30 Clock Hrs.

Total credits for theory = 16 credits

Total credits for Practical = 6 credits

Total Credits = 22 credit