



DR. RAM MANOHAR LOHIA AVADH UNIVERSITY, AYODHYA

Structure of Syllabus for the Program: M.Sc. Subject: ZOOLOGY

Structure of Syllabus Developed by			
Name of BoS Convener/ BoS Member	Designation	Department	College/ University
Prof. Rakesh Kumar Pandey	Convener	Zoology	KNIPSS, SULTANPUR
Dr. Arvind Kumar Sharma	Member	Zoology	KS Saket PG College, Ayodhya
Prof. K. P. Singh	Member	Zoology	Allahabad University, Prayagraj
Prof. Arvind Kumar Singh	Member	Zoology	BHU, Varanasi
Prof. Madhu Tripathi	Member	Zoology	Lucknow University, Lucknow

Course Code		Course Title	Credits	T/P	Evaluation	
A	B	C	D	E	CIE	ETE
SEMESTER I (YEAR I)						
B050701T	CORE	Non-Chordates: General Account	5	T	25	75
B050702T	CORE	Biological Tools and Techniques	5	T	25	75
B050703T	CORE	Comparative animal Physiology	5	T	25	75
B050704T	FIRST ELECTIVE (Select any one)	Toxicology and Animal Behaviour	5	T	25	75
B050705T		Biostatistics, Computational Biology and Bioinformatics	5	T	25	75
B050706P	SECOND ELECTIVE (Select any one)	Practical Lab – IA	5	P	50	50
B050707P		Practical Lab – IB	5	P	50	50
SEMESTER II (YEAR I)						
B050801T	CORE	Chordates: General Account	5	T	25	75
B050802T	CORE	Systematics and Evolution	5	T	25	75
B050803T	CORE	Cell Biology	5	T	25	75
B050804T	THIRD ELECTIVE (Select any one)	Immunology	5	T	25	75
B050805T		Histology and Histochemistry	5	T	25	75
B050806P	FOURTH ELECTIVE (Select any one)	Practical Lab – IIA	5	P	50	50
B050807P		Practical Lab – IIB	5	P	50	50

SEMESTER III (YEAR II)						
B050901T	CORE	Principles of Endocrinology	5	T	25	75
B050902T	CORE	Developmental Biology	5	T	25	75
B050903T	CORE	Principles of Ecology and Wildlife	5	T	25	75
B050904T	FIFTH ELECTIVE (Select any one)	Morphology, Physiology & Development of Fishes	5	T	25	75
B050905T		Insect Taxonomy, Morphology and Physiology	5	T	25	75
B050906P	SIXTH ELECTIVE (Select any one)	Practical Lab - IIIA / Project presentation	5	P	50	50
B050907P		Practical Lab - IIIB / Project presentation	5	P	50	50
SEMESTER IV (YEAR II)						
B051001T	CORE	Genetics and Molecular biology	5	T	25	75
B051002T	CORE	Biochemistry	5	T	25	75
B051003T	SEVENTH ELECTIVE (Select any one)	Applied Ichthyology	5	T	25	75
B051004T		Applied Entomology and Pest Management	5	T	25	75
B051005P	RESEARCH PROJECT/ DISSERTATION	Major Research Project/ Dissertation	10	P	50	50