

COURSE STRUCTURE

B.Sc. Degree in Zoology Programme (Model I)

SEMESTER I

Sl No:	Course Code	Course Title	Instructional Hours	Credits
1		Common Course I	5	4
2		Common Course I	4	3
3		Common Course II	4	4
4	ZY01BAA01	Core Course Zoology - General Methodology and perspectives in science (Theory)	2	2
		Zoology - General Methodology and Instrumentation (Practical)	2	1
5		Complementary Course Botany - (Theory)	2	2
		Botany - (Practical)	2	1
6		Complementary Course Chemistry/Biochemistry (Theory)	4	3
		Total	25 Hrs	20

SEMESTER II

SI No:	Course Code	Course Title	Instructional Hours	Credits
1		Common Course I	5	4
2		Common Course I	4	3
3		Common Course II	4	4
4	ZY02BAA01	Core Course Zoology - Biodiversity & Modern Systematics (Theory)	2	2
		Zoology - Biodiversity & Modern Systematics (Practical)	2	1
5		Complementary Course Chemistry/Biochemistry (Theory)	2	2
		Chemistry /Biochemistry (Practical)	2	1
6		Complementary Course Botany - (Theory)	2	2
		Botany - (Practical)	2	1
		Total	25 Hrs	20

SEMESTER III

SI No:	Course Code	Course Title	Instructional Hours	Credits
1		Common Course I	5	4
2		Common Course II	5	4
3	ZY03BAA01	Core Course Zoology - Animal Diversity-Non Chordata (Theory)	3	3
		Zoology - Animal Diversity-Non Chordata (Practical)	2	1

4		Complementary Course Botany - (Theory)	3	3
		Botany - (Practical)	2	1
5		Complementary Course Chemistry/Biochemistry (Theory)	5	4
		Total	25 Hrs	20

SEMESTER IV

Sl No:	Course Code	Course Title	Instructional Hours	Credits
1		Common Course I	5	4
2		Common Course II	5	4
3	ZY04BAA01	Core Course Zoology - Animal Diversity Chordata (Theory)	3	3
		Zoology - Animal Diversity Chordata (Practical)	2	1
4		Complementary Course Chemistry /Biochemistry (Theory)	3	3
		Chemistry/Biochemistry (Practical)	2	1
5		Complementary Course Botany- (Theory)	3	3
		Botany - (Practical)	2	1
		Total	25 Hrs	20

SEMESTER V

SI No:	Course Code	Course Title	Instructional Hours	Credits
1	ZY05BAA01	Core Course Cell Biology and Molecular Biology (Theory)	3	3
		Cell Biology and Molecular Biology (Practical)	2	1
2	ZY05BAA02	Core Course Environmental Biology, Toxicology and Disaster Management (Theory)	3	3
		Environmental Biology, Toxicology and Disaster Management (Practical)	2	1
3	ZY05BAA03	Core Course Evolution, Zoogeography and Ethology (Theory)	3	3
		Evolution, Zoogeography and Ethology (Practical)	2	1
4	ZY05BAA04	Core Course Biochemistry , Human Physiology and Endocrinology (Theory)	3	3
		Biochemistry , Human Physiology and Endocrinology (Practical)	2	1
5		Open Course	4	4
6		Core Course Field Study , Study tour and Group activity (Credit 1 in 6 th semester with investigatory project and visit to research institutes.)	1	
		Total	25 Hrs	20

SEMESTER VI

SI No:	Course Code	Course Title	Instructional Hours	Credits
1	ZY06BAA01	Core Course Reproductive and Developmental Biology- (Theory)	3	3
		Reproductive and Developmental Biology- (Practical)	2	1
2	ZY06BAA02	Core Course Genetics and Biotechnology (Theory)	3	3
		Genetics and Biotechnology (Practical)	2	1
3	ZY06BAA03	Core Course Microbiology and Immunology (Theory)	3	3
		Microbiology and Immunology (Practical)	2	1
4	ZY06BAA04	Core Course General informatics Bioinformatics and Biostatistics (Theory)	3	3
		General informatics Bioinformatics and Biostatistics (Practical)	2	1
5		Core Course Choice Based Elective	4	3
6	ZY06BFA01	Project and Viva	1	1
		Total	25 Hrs	20

Total Across All Semesters	Instructional Hours	Credits
	150 Hrs	120