



SHIKSHANMAHARSHIDR.D.Y.PATILSHIKSHANSANSTHA'S

DR.D.Y.PATIL

COLLEGE OF COMPUTER & BUSINESS STUDIES

(Affiliated to Savitribai Phule Pune University)

AISHE CODE: C-41976 PUN CODE: CAAP014520

Department of Zoology

Course Outcomes

Course	Course Code and Name of the Course		Credits
<u>F.Y.B.Sc.</u>	SEMESTER I	SEMESTER II	
CC	ZO-111 Animal Diversity I	ZO-121 Animal Diversity II	2+2
CC	ZO-112 Animal Ecology	ZO-122 Cell Biology	2+2
CC	ZO-113 Zoology Practical Paper	ZO-123 Zoology Practical Paper	1.5 +1.5
<u>S.Y.B.Sc.</u>	SEMESTER III	SEMESTER IV	
CC	ZO-231 Animal Diversity III	ZO-241 Animal Diversity IV	2+2
CC	ZO-232 Applied Zoology I	ZO-242 Applied Zoology II	2+2
CC	ZO-233 Zoology Practical Paper	ZO-243 Zoology Practical Paper	2+2
AECC	EVS 231-Environment Awareness	EVA 241-Environment Awareness	2+2
AECC	LA 231-English/Marathi	LA 241- English /Marathi	2+2



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Name of the Department	Class	Course Name	Course code	Course Outcome
Zoology	F.Y. B.Sc. (SEM I)	Animal Diversity I	ZO 111	<p>CO1. Student becomes aware about the Animals. They about sponges, Jellyfish, flat worms Students knows about variety of animals i.e. biodiversity their uses and their phylogeny.</p> <p>CO2. Students get knowledge of taxonomy and nomenclature.</p>
		Animal Ecology	ZO 112	<p>CO1. Students understand about different types. Of ecosystems, food chain, food web ,energy Flow and Ecological pyramid</p> <p>CO2. Students know about population density, natality, Mortality, Fecundity, Exponential and Logistic growth, Population regulation</p> <p>CO3. Students know about Community Characters Species richness, Ecological succession, Animal interactions like Commensalism & mutualism.</p>
		Practical Based on ZO-111 and ZO-112	ZO 113	<p>CO 1. Student gets the Practical knowledge about different animal specimen by studying its morphological characters.</p> <p>CO 2. Students perform practical's about dissolved oxygen and Co₂, water holding Capacity of soil.</p>
		I-Animal Diversity II	ZO 121	<p>CO1. Students Student becomes aware about the Animals. They about Roundworms, Annelids, Arthropods, Echinoderms etc.</p> <p>CO2. Students knows about variety of animals i.e biodiversity their uses and their phylogeny.</p>
		Cell Biology	ZO 122	<p>CO 1. Student understands different cell organelles , structure of cell, functions of different organelles</p> <p>CO2. Student gets knowledge about the Structure of DNA and RNA its function and replication.</p>



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	F.Y. B.Sc. (SEM II)	Practical Based on ZO121 and ZO122	ZO123	<p>CO1. Student gets the Practical knowledge About different Animal specimen by studying its Morphological characters.</p> <p>CO2. The practical's of cell biology make Them aware about structure of cells, cell division.</p>
	S.Y. B.Sc. (SEM III)	Animal Diversity III	ZO 231	<p>CO1. Students understands characters of urochordates, cephalochordates, they can Differentiate between chordates and Non-chordates.</p> <p>CO2. Students understand thoroughly about fishes and amphibians.</p> <p>CO3. Students knows about parental care in Amphibians and details of scolidon animal.</p>
		Applied Zoology I	ZO 232	<p>CO1. Students understand about Sericulture, Life cycle of silkworm, instruments required for Sericulture, Mulberry plantation</p> <p>CO2. Students understand about Insect pests And their control, Different equipment used for Pest control.</p>
		Practical	ZO 233	<p>CO1. Students learn about Internal organ System of locally available fish, they learn about Specimens like Herdmania, Doliolum, Myxine.</p> <p>CO2. Students know different fish amphibians Like toad, hyla</p> <p>CO3. Students learn about silkworm, pest Control.</p>
	S.Y. B.Sc. (SEM IV)	Animal Diversity IV	ZO 241	<p>CO1. Students know about general characters Of reptiles and birds.</p> <p>CO2. Students understand peculiar characters of mammals.</p>



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		Applied Zoology II	ZO 242	CO1. Students know about fish breeding methods, different types of fresh water fish, types of nets and instruments of fishing. CO2. Students know about types of bees, Artificial hive, uses of honey, types of bee Products.
		Zoology III Practical	ZO 243	CO1. Students know about different chordate reptile bird specimen from museum CO 2. Students know about difference between venomous and non-venomous snake CO3. Students know about equipment's for Fish catching.



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