

**Programme Specific Outcomes (PSO) of F.Y.B.Sc. Zoology
(CBCS to be implemented from Academic Year 2019-20)**

**Zoology Theory Paper I; ZO - 111 Animal Diversity I (Sem- I)
ZO -121 Animal Diversity II (Sem- II)**

PSO 1. The student will be able to understand classify and identify the diversity of animals.

PSO 2. The student understands the importance of classification of animals and classifies them effectively using the six levels of classification.

PSO 3. The student knows his role in nature as a protector, preserver and promoter of life which he has achieved by learning, observing and understanding life.

Zoology Theory Paper II ZO-112: Animal Ecology (Sem- I)

PSO 1. The learners will be able to Identify and critically evaluate their own beliefs, values and actions in relation to professional and societal standards of ethics and its impact on ecosystem and biosphere due to the dynamics in population.

PSO 2. To understand anticipate, analyse and evaluate natural resource issues and act on a lifestyle that conserves nature.

PSO 3. The Learner understands and appreciates the diversity of ecosystems and applies beyond the syllabi to understand the local lifestyle and problems of the community.

PSO 4. The learner will be able to link the intricacies of food chains, food webs and link it with human life for its betterment and for non-exploitation of the biotic and abiotic components.

PSO 5. The working in nature to save environment will help development of leadership skills to promote betterment of environment.

Zoology Theory Paper II ZO-122: Cell Biology (Sem- II)

PSO 1. The learner will understand the importance of cell as a structural and functional unit of life.

PSO 2. The learner understands and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development.

PSO 3. The dynamism of bio membranes indicates the dynamism of life. Its working mechanism and precision are responsible for our performance in life..

PSO 4. To understand the differences and similarities in the various aspects of classification

PSO 5. The cellular mechanisms and its functioning depends on endo-membranes and structures. They are best studied with microscopy.

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Programme Specific Outcomes (PSO) of S.Y.B.Sc. Zoology

(To be implemented from Academic Year 2019-20)

Zoology Paper I; ZO- 231; Animal Diversity –III (Sem- III)

ZO - 241; Animal Diversity - IV (Sem- IV)

PSO 1. To understand the origin and advancement of higher vertebrates (Tetrapod).

PSO 2. To understand general characters of different groups of higher vertebrates.

PSO 3. To classify vertebrates and to become able to understand the possible group of vertebrates observed in nature.

PSO 4. To understand different behaviours and adaptations in higher vertebrates

PSO 5. To understand affinities among different groups of higher vertebrates.

Zoology Paper II: ZO - 232; Applied Zoology - I (Sem- III)

ZO - 242; Applied Zoology- II (Sem- IV)

Programme Specific Outcomes

PSO 1. To understand the basic life cycle of the honeybees, beekeeping tools and equipment.

PSO 2. To learn for managing beehives for honey production and pollination.

PSO 3. To understand the basic information about fishery, cultural and harvesting methods of fishes

PSO 4. To understand fish preservation techniques.

PSO 5. To understand the biology, varieties of silkworms and the basic techniques of silk production and harvesting of cocoons

PSO 6. To learn the different silkworm species and their host plants

PSO 7. To study types of agricultural pests and Major insect pests of agricultural importance.

PSO 8. To study Pest control practices.
