

Programme Outcomes

Course outcome and PO BSc. Zoology

Program : B.Sc. (Bachelor of Science)	
General	
PO1:	Core competency: Students shall acquire core competency in the principal subject Chemistry and also allied subjects like physics, Botany, Zoology, Mathematics, Statistics and Electronics.
PO2:	Development of scientific temperament, critical thinking and reasoning ability.
PO3:	To inculcate of experimental skills, data analysis, interpretation and applications.
PO4:	To develop interdisciplinary approach for quality research.
PO5:	Competent for higher education, various entrance examinations, Competitive examinations for employment and entrepreneurship.
Subject specific	
PO6:	The student now understands the basic concepts of zoology and understands the base of classification, identification and diversity of ecosystem.
PO7:	Their role as preserver, promoter of life and also evaluate the natural resources
PO8:	The learner understands the basic of cell structure, mechanism, functioning
PO9:	They gained the knowledge and application of animals in our daily lives and the techniques used in its sustainable development.
PO10:	The students are equipped with skills, handling of zoological tools, equipment's.
Institutional	
PO11:	To inculcate moral and ethical values and create social awareness
PO12:	To train manpower in accordance with global perspectives.

Course Outcomes

FYBSc. Sem I & II Course title- Animal Diversity I & II Course code- ZO- 111 & ZO- 121	
CO- 1	The student will be able to understand classify and identify the diversity of animals.
CO- 2	The student understands the importance of classification of animals and classifies them effectively using the six levels of classification.
CO- 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.
Sem I Course title -Animal Ecology	
Course code- ZO- 112	
CO- 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 dynamics of population.
CO- 2	To understand anticipate, analyze and evaluate natural resource issues and action a lifestyle that conserve nature.
CO- 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.
CO- 4	They 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.
CO- 5	The working in nature to save environment will help development of leadership skills to promote betterment of environment.

Sem II Course title – Cell Biology**Course code- ZO 122**

CO- 1	The learners will understand the importance of cell as a structural and functional unit of life.
CO- 2	The learners understand and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development.
CO- 3	The dynamism of bio membranes indicates the dynamism of life. Its working mechanism and precision are responsible for our performance in life.
CO- 4	The cellular mechanisms and its functioning depends the on endo- membranes and structures. They are best studied with microscopy.

S.Y. B. Sc. (Zoology) Sem 3 Course Title: Animal Diversity –III & IV Course Code-ZO-231 & ZO- 241

The student who successfully completes this course students will be able to:

CO1:	The student will be able to understand, classify and identify the diversity of higher vertebrates.
CO2:	The students will understand the complexity of higher vertebrates.
CO3:	They will understand different life functions of higher vertebrates.
CO4:	The linkage among different groups of higher vertebrates.
CO5:	They will be aware regarding his role and responsibility towards nature as a protector, to understand his role as a trustee and conservator of life which he has achieved by learning, observing and understanding life.

S.Y. B. Sc. (Zoology) Sem 3 & 4- Course Title: Applied Zoology I & II Course Code: ZO- 232 & ZO- 242

The student who successfully completes this course students will be able to:

CO1:	The learner understands the basics about beekeeping tools, equipment and managing beehives.
CO2:	The learner understands the basic information about fishery, cultural and harvesting methods of fishes and fish preservation techniques.
CO3:	The learner understands the biology, varieties of silkworms and the basic techniques of silk production.
CO4:	The learner understands the type of agricultural pests, major insect pests of agricultural importance and pest control practices.
S.Y. B. Sc. (Zoology) Sem 3- Course Title: Zoology Practical Paper Course Code: ZO233	
CO1:	To demonstrate an understanding of laboratory procedures including safety and scientific methods.
CO2:	To acquire the complementary skills of collaborative learning and teamwork in laboratory settings.
CO3:	To use various instruments and equipment.
CO4:	To work in a group to plan, implement and report on a project/experiment.
CO5:	Study and understand the techniques of surveying, using field work/ Field visits.
S.Y. B. Sc. (Zoology) Sem 4- Course Title: Zoology Practical Paper Course Code: ZO 243	
CO1:	To understand the systematic classification with distinguishing characteristics of Classes with subclasses of Reptilian, Aves and Mammals.
CO2:	To get the knowledge of poisonous and non-poisonous snakes.
CO3:	To study the special modifications in animals of Reptilia, Aves and Mammals
CO4:	They will get the knowledge about different products of honey bees- major and minor
CO5:	The students will have the knowledge about scientific method of setting of the Aquarium.
CO6-	They will also understand the types of crafts and gears used in fishing industry.

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Head