

Gramonnati Mandal's
Arts Commerce and Science College, Narayangaon,
Department of Zoology
Zoology Course Outcomes (COs)
First Year B. Sc. Zoology (CBCS)

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

ZO -121 Animal Diversity II (Sem-

II)

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.

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

CO.4. 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.

CO.5. To understand anticipate, analyze and evaluate natural resource issues and act on a lifestyle that conserves nature.

CO.6. 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.7. 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

CO.8. 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)

CO.9. The learner will understand the importance of cell as a structural and functional unit of life.

CO.10. The learner understands and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development.

CO.11. The dynamism of bio membranes indicates the dynamism of life. Its working mechanism and precision are responsible for our performance in life.

CO.12. The cellular mechanisms and its functioning depends on endo-membranes and structures. They are best studied with microscopy.

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**Arts Commerce and Science College, Narayangaon,
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Zoology Theory Paper I; ZO- 231; Animal Diversity -III (Sem- III)

ZO - 241; Animal

Diversity - IV (Sem- IV)

CO.1. The students will be able to understand, classify and identify the diversity of higher vertebrates

CO.2 The students will able to understand the complexity of higher vertebrates

CO.3. The students will be able to understand different life functions of higher vertebrates.

CO.4. The students will be able to understand the linkage among different groups of higher vertebrates

CO.5. The student will become 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.

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

ZO - 242; Applied Zoology- II

(Sem- IV)

CO.1. The learner understands the basics about beekeeping tools, equipment, and managing beehives.

CO.2. The learner understands the basic information about fishery, cultural and harvesting methods of fishes and fish preservation techniques.

CO.3. The learner understands the biology, varieties of silkworms and the basic techniques of silk production

CO.4: The learner understands the types of agricultural pests, Major insect pests of agricultural importance and Pest control practices.
