Ajintha Education Society's
Sant Dnyaneshwar Mahavidyalaya, Soegaon, Dist. Aurangabad, M.S.

DEPARTMENT OF ZOOLOGY

PROGRAMME SPECIFIC OUTCOMES (PSO)

Focus on knowledge of diversified facets of animal science and practical based activities

- Motivate hilly and rural students to achieve academic excellence in basic and applied aspects of plant sciences.
- Develop a broad foundational knowledge of the faunal diversity especially local fauna, pattern of evolution, morphological features, adaptation and classification.
- Understand the application of biological sciences in aquaculture, apiculture, vermiculture, and agricultural pest management, there by impart skill as well a source of additional income and self-employment.
- Understand the basic concepts in cell biology, biochemistry, developmental biology, genetics, evolution, microbiology and immunology and research methodology.
- Organize and deliver relevant applications of knowledge through effective written, verbal, graphical/virtual communications and interact productively with people from diverse backgrounds.
- To impart basic and advanced education to students through teaching, learning, research and evaluation.

- Understanding the relationship between organisms through study of evolution of animals from simple to complex.
- Describe cell biology, genetics, and biochemistry
- Describe animal physiology
- Describe ecology and evolution
- To inculcate scientific awareness towards protecting diversity and Eco-environmental management of animal resources for sustainable development.
- Promote better understanding of biodiversity and conservation strategies to sustain the life on mother earth among students.

1. **Knowledge and understanding of animal diversity**: in terms of structure, function and environmental relationships, evaluation of animal diversity from lower to higher animals.
2. **Practical skills**: learn to carry out practical work, in the field and in the laboratory, with minimal risk.
3. **Taxonomic Skills**: able to find out characteristics of various animals to study identification, classification and nomenclature under taxonomy and to know evolutionary relationship between different animal groups.
4. **Preparation of Insects Collection Boxes**: Students will be able to collect various insets from different area and preserve them as a collection boxes with their classification.
5. **Scientific Knowledge**: students will be able to apply the knowledge of animal sciences and fundamental life sciences to study and analyze animals.

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Assistant Professor and Head	Assistant Professor	Assistant Professor