

Rayat Shikshan Sansthas'
Dahiwadi College, Dahiwadi
Department of Zoology

Programme Outcome (PO) of science:

PO1 To impart knowledge of Science is the basic objective of education.

PO2 To develop scientific attitude is the major objective to make the students open minded, critical, curious.

PO3 To develop skill in practical work, experiments and laboratory materials and equipments along with the collection and interpretation of scientific data to contribute the science.

PO4 To understand scientific terms, concepts, facts, phenomenon and their relationships

PO5 To make the students aware of natural resources and environment.

PO6 To provide practical experience to the students as a part of the course to develop scientific ability to work in the field of research and other fields of their own interest and to make them fit for society.

PO7 To create the interest of the society in the subject by exhibitions and other similar activities.

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Programme Specific Outcomes (PSO) of Zoology

- **PSO 1.** The students are expected to acquire knowledge of animal and related subjects so as to understand natural phenomenon, manipulation of nature and environment in the benefit of human beings.
- **PSO 2.** To develop ability for the application of the acquired knowledge to improve agriculture and other related fields to make the country self reliant and sufficient.
- **PSO 3.** Students can recall details and information about the evolution, anatomy, morphology, systematics, genetics, physiology, ecology, and conservation of animals, algae, and fungi.
- **PSO 4.** Students can recall details of the unique ecological and evolutionary features of the Indian flora.
- **PSO 5. Communication skills**

Students can communicate effectively using oral and written communication skills.

- **PSO 6. Problem solving and research skills**

Students can generate and test hypotheses, make observations, collect data, analyze and interpret results, derive conclusions, and evaluate their significance within a broad scientific context.

- **PSO 7. Ethics:** The subject teach students about the ethical Zoology approach, not to cut the animals
- **PSO8.** To provide thorough knowledge about various animal groups from primitive to highly evolved.

- **PSO9.** To make the students aware of applications of different animals in various industries.
- **PSO10.** To highlight the potential of these studies to become an enterpruner
- **PSO11.** To equippe the students with skills related to laboratory as well as field based studies
- **PSO12.** To make the students aware about conservation and sustainable use of animals
- **PSO13.** To create foundation for further studies in Zoology
- **PSO14.** To facilitate students for taking up and shaping a successful career in Zoology
- **PSO15.** To address the socio-economical challenges related to animal sciences.

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CO-Course Outcome

T. Y. B. Sc. Course.

- CO9. To give knowledge about the functional anatomy of non chordates.
- CO10. To make aware of about Biostatistics, Bioinformatics and Medical Zoology.
- CO11. To study molecular biology, bioinformatics and biotechniques in details.
- CO12. To make the students aware about endocrinology, environmental biology and toxicology.
- CO13. To study the comparative anatomy of vertebrates.
- CO 14. To study the Development Biology.
- CO15. Human Physiology
- CO 16. Applied Zoology