



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

**ARTS, COMMERCE AND SCIENCE COLLEGE, NEW PANVEL
(AUTONOMOUS)**

Re-accredited 'A+' Grade by NAAC (3rd Cycle - CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

Department of Zoology

PROGRAMME OUTCOMES (POs)

PO-1) Demonstrate the comprehensive knowledge and understanding of major concepts, theoretical principles, and experimental findings in Zoology and its and its different subfields.

PO-2) To learn a wide range of approaches, from genetics to molecular and cellular biology, as well as physiological processes and anatomy, whole animals, populations, and their ecology.

PO-3) To help to understand the behaviour, structure, and evolution of animals.

PO-4) To deals with skill enhancement courses such as apiculture, aquarium fish keeping, medical diagnostics, sericulture etc

PO-5) To enhance the interest and employability, program include learning experiences which offer opportunities for higher studies and research at reputed laboratories.

PO-6) Understand the concept of research and its type along with basic knowledge on qualitative research techniques, data collection and process of scientific documentation

PO-7) Analyse the ethical aspects of research and evaluate the different methods of scientific writing and reporting by appropriate documentations and presentations.



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PROGRAM SPECIFIC OUTCOMES (PSO's)

PSO1. Demonstrate in-depth knowledge and understanding about the animal diversity, principles of ecology, comparative anatomy and developmental biology of vertebrates, physiology and biochemistry, genetics and evolutionary biology, applied Zoology, aquatic biology, immunology, reproductive biology, and insect, vectors and diseases.

PSO2. Understanding the relationships between structure and functions at different levels of biological organization (e.g., molecules, cells, organs, organisms, populations, and species) for the major groups of animals

PSO3. Understand the complexity of life processes, their molecular, cellular and physiological processes, their genetics, evolution and behaviour and their interrelationships with the environment

PSO4. Explained how organisms' function at the level of the gene, genome, cell, tissue, organ and organ-system.

PSO5. Give the basic and procedural knowledge that creates different types of professionals in the field of Zoology and related fields such as, apiculture, dairy science, aquarium fish keeping, sericulture and medicine etc.

PSO6. Learn to design and conduct experiments to test a hypothesis and interpret data to reach a conclusion

PSO7. To understand the applied biological sciences or economic Zoology such as sericulture, Apiculture, aquaculture, dairy science, and vermiculture for their career opportunities.