



॥ 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

UNDER GRADUATE PROGRAMMES OFFERED

B.Sc. in Zoology

ACADEMIC YEAR 2024-25

✓ F.Y.B.Sc.

SEMESTER	TITLE	NAME OF THE COURSE	COURSE CODE
I	Major 1	Diversity in Non-Chordates	USC1ZO1
	Major Practical I	Practical based on Major 1	USC1ZOP
	SEC1	Ornamental Fish Breeding	USEC1OFB
II	Major 2	Diversity in Chordates	USC2ZO1
	Major Practical II	Practical based on Major 2	USC2ZOP
	SEC2	Sericulture	USEC2SER

✓ S.Y.B.Sc.

SEMESTER	TITLE	NAME OF THE COURSE	COURSE CODE
III	Major 1	Molecular Biology	USC3ZO1
	Major 2	Animal Physiology	USC3ZO2
	Major Practical III	Practical based on Major 1 and Major 2	USC3ZOMP
	VSC	Biodiversity Conservation and Sustainable Development	UVSC3BCSD
	Minor	Wonders of the Animal World	USC3ZOM
	OE	Biomimicry: Innovation Inspiring Industries	USC3ZOOE1
	Field Project	Field Project Zoology	USC3ZOFP
IV	Major 3	Foundation of Evolutionary Biology and Research Ethics	USC4ZO1
	Major 4	Developmental Biology	USC4ZOMP
	Major Practical III	Practical based on Major 3 and Major 4	USC4ZOP
	SEC	Food Toxicology	USEC4FT
	Minor	Economic Zoology	USC4ZOM
	OE	Biomimicry: Innovation Inspiring Industries	USC4ZOOE2



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SEMESTER	NAME OF THE COURSE	COURSE CODE
V	Taxonomy I	USC5ZO1
	Haematology and Immunology	USC5ZO2
	Histology, Toxicology, Enzymology and Biostatistics	USC5ZO3
	Biotechniques and Introduction to Endocrinology	USC5ZO4
	Fishery Biology I	USC5ZO5
	Practical V	USC5ZP1
	Practical VI	USC5ZP2
	Practical VI	USC5ZP3
VI	Taxonomy II	USC6ZO1
	Molecular Biology, Genetic Engineering, Human Genetics and Bioinformatics	USC6ZO2
	Developmental biology	USC6ZO3
	Wild life conservation and Management	USC6ZO4
	Fishery Biology II	USC6ZP5
	Practical VIII	USC6ZP1
	Practical IX	USC6ZP2
	Practical X	USC6ZP3



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Remedial Course in Zoology

1. Introduction of Zoology
2. Definition and basics of Zoology
3. Different branches of Zoology
4. Scope of Zoology
5. Career in the areas of Zoology
6. Introduction to various Zoological Organizations
7. Common terminologies used in Zoology
8. Introduction to Kingdom Animalia up to Phylum level