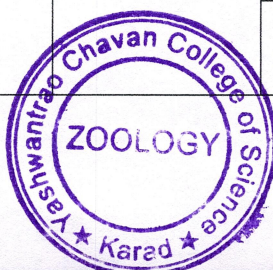




## B. Sc. I

## Course Outcomes (COs)

Name of the programme	Paper No.	Course code	Course Name	Course Outcome
B.Sc. I Zoology  Course Outcomes	I	DSC – I	Animal Diversity (NEP 2.0)	Explain principles of classification and binomial nomenclature.
				Describe levels of organization and germ layer concepts.
				Differentiate between non-chordates and chordates.
				Understand zoogeographical regions and biodiversity importance.
				Study cockroach morphology and anatomical systems.
	II	DSC – II	Cell Biology (NEP 2.0)	Explain organization of prokaryotic and eukaryotic cells.
				Describe nucleus structure and its components.
				Understand chromosome morphology and organization.
				Explain cytoskeleton structure and function.
				Describe ultra-structure and function of cellular organelles.
	III	DSC – III	Genetics (NEP 2.0)	Understand genetics and inheritance.
				Explain Mendelian and post-Mendelian genetics.
				Discuss on linkage and crossing over.
				Explore chromosomal mutations and sex determination.
				Understand genetic diversity and inheritance mechanisms.
	IV	DSC – IV	Ecology, Ethology, Evolution, and Entomology (NEP 2.0)	Explain scope and basic concepts in ecology.
				Understand ecosystems, food chains, and food webs.
				Describe ecological pyramids and adaptations.
				Understand mimicry, camouflage, and social behavior in animals.
				Describe fossil types, formation, and dating methods.



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