

DEPARTMENT OF ZOOLOGY

COURSE OUTCOME

Sl. No.	Core	COURSE OUTCOME
1	CC - I	<p><u>Non-chordates I: Protista to Pseudocoelomates.</u></p> <p>Students will gain knowledge and skill in the fundamentals of animal sciences, understand the complex interactions among various living organisms.</p>
2	CC - II	<p><u>Principles of Ecology-</u></p> <p>Analyse complex interactions among the various animals of different phyla, their distribution and relationship with the environment.</p>
3	CC - III	<p><u>Non chordates II: Coelomates-</u></p> <p>Students will gain knowledge and skill in the fundamentals of animal sciences, understands the complex interactions among various living organisms.</p>
4	CC - IV	<p><u>Cell biology-</u></p> <p>Apply the knowledge of internal structure of cell, its functions in control of various metabolic functions of organisms</p>
5	CC - V	<p><u>Diversity of Chordates-</u></p> <p>Develop skills in the fundamentals of animal sciences; understand the complex interactions among various Complex Vertebrate groups.</p>
6	CC - VI	<p><u>Physiology: Controlling and Coordinating systems-</u></p> <p>Correlate the physiological processes of animals and relationship of organ systems.</p>
7	CC - VII	<p><u>Fundamentals of Biochemistry-</u></p> <p>Allow the students to gain basic knowledge about various bio molecules and their role in metabolism.</p>
8	CC - VIII	<p><u>Comparative anatomy of Vertebrates-</u></p> <p>Concepts on evolution of organ systems in vertebrates.</p>
9	CC - IX	<p><u>Physiology: Life Sustaining Systems -</u></p> <p>Correlate the physiological processes of animals and relationship of organ systems.</p>
10	CC - X	<p><u>Biochemistry of Metabolic Processes -</u></p> <p>Understand the mechanisms that work to keep the human body alive and functioning.</p>
11	CC - XI	<p><u>Molecular Biology -</u></p> <p>To understand the functional biology of nucleic acids, transcription and translation etc.</p>
12	CC - XII	<p><u>Principles of Genetics -</u></p> <p>Understand about various concepts of genetics and its importance in human health. Concept behind genetic disorder, gene mutations-various causes associated with inborn errors of metabolism.</p>

13	CC - XIII	<u>Developmental Biology -</u> Basic concepts of developmental biology. Students insight into maintaining healthy relationships with their opposite gender and allows them to make right choice about their life partner thus preventing congenital diseases.
14	CC - XIV	<u>Evolutionary Biology -</u> Theories of Evolution, Knowledge on eras and evolution of species.
15	DSE - I	<u>Animal Behaviour and Chronobiology -</u> Understand the complex evolutionary processes and behaviour of animals. Develops empathy and love towards the animals.
16	DSE - II	<u>Immunology -</u> Imparts deep knowledge on tissues, cells and molecules involved in host defence mechanisms. Gain Knowledge on Types of immunity, antigens-antibodies and their properties, Autoimmunity. Understand the immune mechanisms in disease control, vaccination, process of immune interactions.
17	DSE – III	<u>Fish and Fisheries -</u> Understand concepts of fisheries, fishing tools and site selection. Gain knowledge of Agro based Small Scale industries like Aquaculture, fish farming etc.
18	GE - I	<u>Animal Diversity -</u> Students will gain knowledge and skill in the fundamentals of animal sciences, understand the complex interactions among various living organisms.
19	GE - II	<u>Human Physiology -</u> Students will gain fundamental knowledge on animal physiology.

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