

Shri Swami Vivekanand Shikshan Sanstha's  
**Vivekanand College, Kolhapur (Autonomous)**  
**Department of Zoology**  
Academic Year 2022-23

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**Course Outcomes (COs)**  
**Zoology B.Sc. II**

**Paper III- Physiology and Biochemistry**

After completion of this course students will be able to


- CO1. Understand how different system works coordinated to maintain homeostatic in the body.
- CO2. Illustrate the endocrine system, carbohydrate, lipid and protein metabolism.
- CO3. Apply the knowledge of physiology and biochemistry in disease /health related problem.
- CO4. Distinguish the functioning of organs and cells of which they composed.
- CO5. Interpret the biochemical pathways and enzyme action, Compile interaction and interdependence of physiological and biochemical process.

**Paper IV CELL BIOLOGY GENETICS, EVOLUTION AND ETHOLOGY**

After completion of this course students will be able to:

- CO1. Define the basic terms in cell biology and genetics.
- CO2. Explain the ultra-structure and function of cell organelle.
- CO3. Explain phenomenon of genetics and genetic mutations.
- CO4. Interpret the process of origin of evaluation and its evidences.
- CO5. Able to understand the sex determination mechanism in animals, Able to understand the animal behavior.



  
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