



OFFICE, PRINCIPAL GOVERNMENT TULSI COLLEGE, ANUPPUR

Affiliated to Awadhesh Pratap Singh University Rewa (MP)

Registered Under Section 2 (F) & 12 (B) of UGC Act

E-mail: hegtcdcano@mp.gov.in

9893076404

Program Outcome B.Sc. Zoology

2.6.1

Program outcome and course outcome

Department of Zoology

Govt. Tulsi College Anuppur (M.P.)

Programme outcome B.Sc

- To apply the fundamentals of mathematics and science to identify, formulate, design and investigate scientific problems.
- Develop Scientific attitude to create students open minded and the quality of being curious
- Understand relevance of various scientific phenomena in the day to day life.
- To design and conduct an experiments demonstrating their understanding of the scientific method and processes.
- Encourage creative thinking and Problem solving skill to find fresh perspectives and come up with innovative solutions
- Enhance communication skills through various class room activities.
- Develop the graduate attributes and ethics through a wide range of activities.
- Apt for career in Teaching and various fields related to Research.
- Take part in various competitions like civil services after graduations.

Course Outcome B.Sc First year(Zoology)

First Paper

- Learn about importance of systemic taxonomy and phylogeny to get a concrete idea of evolution of non-chordate phyla.
- Understand the various morphological anatomical structure and functions of animals of different phyla
- Get the knowledge about economic, ecological and medical significance of various animals in human welfare.
- Understand the important parasites and their control measures.

Second Paper

- Develop deeper understanding of what life is and how its functions at cellular level.
- Understand nature and basic concepts of cell biology ,reproductive and developmental biology
- Understand structure and functions of cell membrane and cellular organelles
- Understand importance of latest reproductive trends, reproductive techniques to be applied for human welfare
- Understand general patterns and sequential developmental stages during embryogenesis and understand how the developmental processes lead to establishment of body plan of multicellular organisms.


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- Understand about evolutionary development of various animals.

Course Outcome of B.Sc Second year(Zoology)

First paper-

- Understand chordate diversity of animal and their Taxonomic position
- Identify morphological and anatomical features and basis of chordate classification
- Know economic importance and present status that will develop positive attitude toward conservation of biodiversity.
- Differentiate the organisms belonging to different taxa by studying comparative anatomy
- The project assignment will give them a flavor of research in studying biodiversity,taxonomy besides improving their writing skills and lay foundation of career in zoology

Second paper-

- Understand how organs functions at different levels from cellular to system levels
- Examine internal harmony of different body systems by learning inherent disorders and deficiencies which needed to maintain good health
- Understand functions of biomolecules and their role in metabolism by studying biochemistry
- Develop a strong foundation for research and employability skills
- Improve the student:s perspective of health biology through deep study of physiology

Course Outcome of B.Sc 3rd Year(Zoology)

Paper First

- Gain a basic understanding of human genetics and Hereditary
- Gain knowledge on various processes that involve DNA, RNA and proteins in living organisms
- Basic knowledge of Recombinant DNA technology which prepares them for further studies in genetic engineering.
- Learn about analytical techniques used for separation of biomolecules and its components.
- To analyze and diagnose various genetic diseases and defects.

Paper second

- Provides a solid foundation in the principles of ecology.
- Create an awareness among the students about the environment and make them environment friendly.

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- To gain insight on the wildlife of India and their conservation status.
- Understand the different habitat of animals and their adaptations.
- know about the causes and control of different type of pollution
- Knowledge of applied zoology through Prawn culture ,frog culture and life cycle of useful insects and harmful pest and apply it to management of insect pest.


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