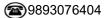


OFFICE, PRINCIPAL GOVERNMENT TULSI COLLEGE, ANUPPUR

Affiliated to Awadhesh Pratap Singh University Rewa (MP)

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

E-mail: hegtdcano@mp.gov.in



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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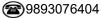


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> Understand about evolutionary development of various animals.

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.

Govt. Tulsi College Anuppur Distt. Anuppur (M.P.)

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