

Zoology:

- 1. An ability to apply profound understanding of Chemistry, Zoology and Botany
- 2. An ability to design and perform experiments, as well as to analyze and interpret data
- 3. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, and sustainability
- 4. An ability to function on multidisciplinary teams
- 5. An ability to identify, formulate, and solve scientific problems
- 6. An understanding of professional and ethical responsibility.
- 7. An ability to communicate effectively.
- 8. The broad education necessary to understand the impact of scientific solutions in global, economic, environmental, and societal context .
- 9. A recognition of the need for, and an ability to engage in life -long learning.
- 10. A knowledge of contemporary issues.
- 11. An ability to use the techniques, skills, and modern scientific tools that provide the learning base for future careers in disciplines such as health sciences, agriculture, environmental management, the emerging biotechnologies, publishing, teaching, research and consultancy.
- 11: Demonstrate and apply the fundamental knowledge of the basic principles of major fields of Zoology;
- 12: Apply knowledge to solve the issues related to animal sciences.
- 13: Take appropriate steps towards conservation of endemic and endangered animal species.
- 14: To foster curiosity in the students for Zoology.
- 15: To create awareness amongst students for the basic and applied areas of Zoology.
- 16: To orient students about the importance of abiotic and biotic factors of environment and their conservation.
- 17: To provide an insight to the aspects of animal diversity.
- 18: To inculcate good laboratory practices in students and to train them about proper handling of lab instruments.

- 19: Demonstrate knowledge and understanding of Zoology and management principles and apply these to one's own work, as a member and leader in a team.
- 20: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
- 21: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.