



Use of ICT-enabled Tools for Effective Teaching-learning Process

The Department faculty employ a variety of teaching and learning methods to provide a comprehensive and engaging educational experience. These methods are designed to cater to the diverse learning styles and to ensure students gain both theoretical knowledge and practical skills.

Traditional Teaching Methods:

1. **Lectures:** These include interactive and guest lectures. Interactive lectures are delivered by use of multimedia tools such as PowerPoint presentations, videos, and models to explain and illustrate complex concepts. Experts in various fields of Zoology are invited from time to time to provide insights into specialized topics.
2. **Practical Sessions:** Students gain skills required in the laboratories during the practical sessions during which they conduct experiments to understand and apply their theoretical knowledge.
3. **Fields Trips and Excursions:** Recognizing their role in raising student's interest as well as their learning capacity, students are taken on field trips and excursions, an effective method of learning outside classroom during which students gain “real-world experiences, qualitative education, positive attitudes towards science, motivation towards subjects, socialization between students, and development of relationship between teachers and students enabling teachers to integrate cooperative learning as an alternative learning strategy”.
4. **Tutorials and Seminars:** Students are encouraged to discuss and debate various topics in Zoology. Student Seminars which are aimed at enhancing their knowledge and skills are held annually; and to encourage and acknowledge their efforts, prizes are awarded to the best presenters.
5. **Assignments and Projects:** Students are assigned topics to research on to gain a deeper understanding of and to be able to apply concepts learnt in the classroom. Minor group projects are also given to students to foster a scientific temperament.