



Report on Student-centric Methods for Enhancing Learning Experiences

1. **Field Excursions and Surveys:** Students participate in regular field trips to various ecosystems, such as forests, wetlands, and marine environments, to observe and study biodiversity, ecological interactions, and conservation practices firsthand.
2. **Laboratory Work:** The department offers extensive lab sessions where students engage in hands-on experiments, dissections, and microscopic analyses, gaining practical skills in biological techniques and procedures.
3. **Research Projects:** Students undertake independent or group research projects under faculty supervision, allowing them to explore specific areas of interest, develop research methodologies, and contribute to scientific knowledge.
4. **Internships and Collaborations:** The department collaborates with research institutes, wildlife organizations, and environmental agencies, providing students with internship opportunities to apply their knowledge in real-world contexts and gain professional experience.
5. **Workshops and Seminars:** Regular workshops and seminars conducted by experts in the field expose students to the latest advancements and technologies in zoology, enhancing their learning beyond the classroom.
6. **Wildlife Conservation Programs:** Involvement in conservation initiatives and awareness campaigns helps students understand the practical challenges and strategies in wildlife preservation, fostering a sense of responsibility towards the environment.
7. **Citizen Science Projects:** Students participate in citizen science projects, contributing to data collection and analysis for large-scale biological studies, which enhances their research skills and community engagement.
8. **Birding and Frogging Activities:** Organized birding and frogging excursions provide experiential learning opportunities, where students can observe and study avian and amphibian species in their natural habitats.

Through these experiential learning activities, the Zoology Department at St. Edmund's College, Shillong, ensures that students receive a well-rounded education that combines theoretical knowledge with practical application, preparing them for successful careers in the biological sciences.