

Computer-Based Teaching : Experimental Physiology

The Department of Physiology conducted an innovative computer-based teaching session for First MBBS students using the Ex-Physio Series software. The session covered amphibian skeletal muscle and cardiac muscle experiments through interactive graph-based simulations.

Students explored key physiological concepts such as tetanus, summation, fatigue, and the effects of various ions and drugs. The simulation mode provided a realistic and engaging learning experience, allowing students to visualize and understand complex mechanisms without the need for live animal experiments.

The session was blended with objective questions to reinforce concepts and assess understanding. Students found this approach highly effective, appreciating clarity and interactivity it brought to learning experimental physiology.

