



BISWA BANGLA BISWABIDYALAY

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Department of Physiology

The Master's programme in Physiology at Biswa Bangla Biswabidyalay blends advanced theoretical coursework with intensive laboratory and clinical exposure, guiding students from cellular mechanisms to whole body systems in both health and disease. Cadaveric dissection, histology suites, electrophysiology and biomechanics labs, and high-fidelity simulation centres anchor hands on learning, while partnerships with teaching hospitals enable bedside demonstrations and translational research. Core modules cover neuro endocrine regulation, cardiovascular and respiratory dynamics, musculoskeletal form and function, and molecular pathophysiology, complemented by electives in biomedical imaging, ergonomics, and exercise science. A mentored research dissertation cultivates critical inquiry into topics such as autonomic disorders, metabolic adaptation, or anatomical variability. Graduates emerge as adept educators, clinical researchers, and biomedical scientists prepared for doctoral studies, medical college teaching posts, or R&D roles in the healthcare and biotech sectors, embodying the programme's commitment to bridging foundational science with human wellbeing.

Faculty:

1. Prof. Sahana Sen Mazumder
2. Dr. Debarati De.
3. Dr. Swaimanti Sarkar.