

DEPARTMENT OF HUMAN PHYSIOLOGY

PROGRAMME SPECIFIC OUTCOME(PSO)

After successful completion of the three-year B.Sc. (Pass) degree program (TDPG) with **HUMAN PHYSIOLOGY**, students should be able to achieve the following objectives/ outcomes:

PO1: Acquire fundamental knowledge in HUMAN PHYSIOLOGY, including basic concepts and principles for proper functioning of human body, vast knowledge about various mechanisms and different systems of human body; awareness about internal environment of the body and how to maintain it, is the outcome for the students.

PO2: Ability to employ critical thinking in understanding the concepts in every area of B.Sc. Program.

PO3: Create, select, and apply appropriate techniques, resources, and modern science and IT tools.

PO4: Develop a sense of research to predict cause-and-effect relationships.

PO5: After completion of graduation, they would be able to apply the acquired concepts and principles to study different branches of LIFE SCIENCES in their future career. When a student pursues for postgraduate studies, he or she can make use of all the applications—field or laboratory—which he or she has gained knowledge of.

PO6: Ability to think, acquire knowledge and skills through logical reasoning and inculcate the habit of self-learning.

PO7: Identify the key factors and apply appropriate principles and assumptions in solving overall problems by appropriate analytical and approximation methods.

PO8: Working effectively in a team; and presenting information in a clear, concise and logical manner by Project Work (field study) in the 6th semester.

PO9: Ability to identify unethical behaviour and to adopt objective, unbiased and truthful actions in all aspects of their programme.

PO10: This TDP B.Sc. Programme will also help students to enhance their employability for jobs in different sectors.

(2)Course Outcomes (COI):

Course-I: Students gain knowledge about the Structural units of Human system, Bio-physical and Bio-chemistry principles, Blood, other body fluids and clinical heamatology, Biochemistry and Enzymology.

Course-II: They soak themselves with the knowledge of the Cardiovascular Physiology including basic idea about common cardiovascular diseases. Respiratory Physiology, Physiology of digestion related to clinical aspects.

Course-III: Students acquire the knowledge of the Neurochemistry and neurophysiology, Renal Physiology and Environmental Stress Biochemistry.

Course-IV: Students gain knowledge about the Brain and sensory physiology, Endocrinology and Reproductive Physiology.

Course-V: Acquire knowledge about Nutrition and Dietetics, Molecular biology and immunology.

Course-VI: Students have to do a Project Work by following the guidelines of Tripura University and to present their work in front of the Guide Teacher and fellow students. They also learn the physiology behind their sustenance and their use as natural and ecological resources in the biosphere.