YOGODA SATSANGA PALPARA MAHAVIDYALAYA

DEPARTMENT OF PHYSIOLOGY

Programme Specific Outcome based on CCFUP,2023 & NEP,2020

After successful completion of B.Sc(Multidisciplinary) degree program in Physiology, students should be able to achieve the following outcomes:

- Acquire fundamental knowledge for anatomy & Physiology of human body systems.
- They become aware of different techniques used in physiological study.
- They have ability to employ critical thinking in understanding the concept.
- The scope the program through research & applied field will be also open to them.
- After completion of the program, they would be able to apply the acquired concepts and principles to study different branches of biology in future.
- This program will also help students to enhance their employability for jobs in near future.

YOGODA SATASANGA PALPARA MAHAVIDYALAYA

Department of Physiology

Course Specific Outcome for semester I & II under CCFUP-2023 & NEP-2020

Semester	Paper	Name of the course	Course outcome
Semester I	PHYMI- 01	Blood, Body fluid	The students will learn about composition, function of blood & different body fluids. They also learn about the importance of blood grouping system & hazards of blood transfusion process.
		Fundamental concept of Immune system	The students will learn about types, properties & importance of immune system with special emphasis on structure, function 7 classification of antigen-antibody.
		Cardiovascular System	The students will learn about structure, function & properties of heart in our body. They also learn about heart rate, blood pressure, heart block, cardiac

			output & their regulatory measures.
		Physiology of Respiratory system.	The students will learn about anatomical & physiological structure & functions of respiratory tract. They also learn about mechanism of breathing with its regulation and different breathing disorders.
SEMESTER I	MI 1	a) Blood, Body fluid	The students will learn about composition, function of blood & different body fluids. They also learn about the importance of blood grouping system & hazards of blood transfusion process.

		Cardiovascular System	The students will learn about structure, function & properties of heart in our body. They also learn about heart rate, blood pressure, heart block, cardiac output & their regulatory measures.
		Physiology of Respiratory system.	The students will learn about anatomical & physiological structure & functions of respiratory tract. They also learn about mechanism of breathing with its regulation and different breathing disorders.
SEMESTER II	PHYMI- 02	Cellular Physiology	The students will learn about the electron microscopic structure & function of a cell with their organelles.
		Biophysical Principles	The students will learn about

			importance of different biophysical processes like diffusion, osmosis etc. They also learn about enzyme, buffer, acid-base, colloids etc.
		Chemistry of biomolecules	The students will learn about structure, classifications, properties & functions of carbohydrates, proteins, lipids etc.
		Overview of digestive system and metabolism	The students will learn about structure & functions of GI tract & different digestive glands. They also learn about digestion, absorption and different metabolic pathway of our body systems.
Semester II	MI-2	Cellular Physiology	The students will learn about the electron microscopic structure & function of a cell with their organelles.

		Biophysical Principles	The students will learn about importance of different biophysical processes like diffusion, osmosis etc. They also learn about enzyme, buffer, acid-base, colloids etc
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