

YOGODA SATSANGA PALPARA MAHAVIDYALAYA

Department of Physiology

Course Specific Outcome

Semester	Paper	Name of the Paper/course	Course Outcome
Semester I	DSC 1A	Cellular Physiology, Biophysical principles, Biochemistry, Digestive System & metabolism	The students will learn structure & function of cell, tissue. Also learn about physiological principles & importance of Biophysical chemistry & Enzymes.
	GE 1	Introduction to Physiology and basic Physiological principles, Biomolecules, Digestive System and metabolism, Blood and cardio-Vascular system, respiratory system.	The students will learn about different body systems and bio physical- chemical principles.
Semester II	DSC 1B	Blood, body fluid and Immune system, cardio-Vascular system and Respiratory system.	The students will learn About composition, Function of blood & Different body fluids. They also learn about anatomy, physiology and applied aspects of cardiovascular & respiratory system.

Semester	Paper/ Course	Name of the paper/ course	Course outcome
	GE- 2	Developmental biology/ embryology	The students will learn about gametogenesis, process of fertilization and organogenesis.
Semester III	DSC- 1C	Nerve-Muscle Physiology, nervous System, skin & body Temperature regulation	The students will learn Structure, function & Classification of Different nerves & Muscles. They also Learn about structure, Organisation & function Of skin.
	GE- 3	Community & public health	Students will learn about nutritional value of different food stuffs, formulating balanced diet chart etc. They also learn about different pollution and their adverse effects.
Semester IV	CC-8	Energy balance, Metabolism & nutrition	The students will learn About carbohydrate, Protein, fat and energy Metabolism. They also Learn about basic concept of nutrition and biological Value of different foods.
	GE-4	Nerve muscle physiology, Nervous system and Sensory physiology	The students will learn Structure, function & Classification of different nerves & muscles. They also learn about special senses.

Semester	Paper/ Course	Name of the Paper/ Course	Course Outcome
Semester V	DSE- 1A	Sports Physiology, work Physiology & ergonomics	The students will learn about Physical work, physical Training and application of Exercise physiology. They also Learn about ergonomical Safety & hazards.
Semester VI	DSE 1B	Microbiology, Immunity and biotechnology	The students will learn about Structure & function viruses and bacteria. They learn about Vaccination and different Biological technology used in Everyday life.