

	<u>Annexure-43 of AC-50/2024</u>
Course Outcomes (CO)	
Course Code	PHYSIOLOGY
	Physiology (As per NMC, CBME Guidelines -2024 dated 31/08/2024)
CO1	Demonstrate knowledge of normal human physiology, organizational and functional relationship between cells, tissues and organs and body systems, age and sex related physiological changes in the organ functions that reflect normal growth and development.
CO2	Explain physiological variations (Genotype/Phenotype) with healthy ageing through the course of life i.e. fetal, neonatal, childhood, adolescence and adulthood and demonstrate understanding of the physiological responses and adaptation to environment and exercise
CO3	Perform experiments to demonstrate physiological phenomenon and principles, interpret investigation results falling within the scope of physiology.
CO4	Apply principles of Physiology in clinicopathological conditions, diagnosis, investigations and management of diseased conditions
CO5	Conduct physical examination (general and system based) of normal subject in real or simulated conditions and demonstrate understanding of altered findings in physical examination of diseased conditions

Worksheet 2 - CO/ PO Correlation Mapping

Step 2: Correlate COs to POs

Course code & name		Program code & name								
CO no.	CO	PO1 Primary care Physician	PO2 Healthcare Team Leader and Member	PO3 Communicator with patients and family	PO4 Life long Learner	PO5 Professional	PO6 Critical thinker	PO7 Researcher	PO8 Digitally literate	PO9 Developed Holistically
CO 1	Demonstrate knowledge of normal human physiology, organizational and functional relationship between cells, tissues and organs and body systems, age and sex related physiological changes in the organ functions that reflect normal growth and development.	3	1	2	3	2	3	3	1	2
CO 2	Explain physiological variations (Genotype/Phenotype) with healthy ageing through the course of life i.e. fetal, neonatal, childhood, adolescence and adulthood and demonstrate understanding of the physiological responses and adaptation to environment and exercise	3	1	2	3	2	3	3	2	3
CO 3	Perform experiments to demonstrate physiological phenomenon and principles, interpret investigation results falling within the scope of physiology.	3	1	2	3	3	3	3	2	3
CO4	Apply principles of Physiology in clinicopathological conditions, diagnosis, investigations and management of diseased conditions	1	2	2	3	3	3	3	3	2

CO5	Conduct physical examination (general and system based) of normal subject in real or simulated conditions and demonstrate understanding of altered findings in physical examination of diseased conditions	3	2	2	3	1	2	2	1	2
-----	--	---	---	---	---	---	---	---	---	---

Clues :

1. Evaluate if the Course Outcome (CO) Correlate with the explicitly stated PO.
2. Please Mark the correlation between CO / PO using the following scale.
 - 0 - No correlation
 - 1 - Slight (low) correlation
 - 2 - Moderate (medium) correlation
 - 3- Substantial (High) correlation

Clues :

1. Identify the major course competencies given in the curriculum document.
2. Map which of the CO and PO is addressed by the TL activities used in the module Using
 - I – Outcomes introduced
 - P – Students afforded opportunities to practice
 - R – Reinforcement of practiced outcomes
 - M/C – Students demonstrate mastery/competency

CO		Modules in Physiology								
CO No.	CO Definition	General Physiology & Integrated Physiology	Muscular & Neuro Physiology	Heamatology	CVS	RS & Environmental Physiology	GIT	Excretory system	Endocrine	Reproduction
CO 1	Demonstrate knowledge of normal human physiology, organizational and functional relationship between cells, tissues and organs and body systems, age and sex related physiological changes in the organ functions that reflect normal growth and development.	I/P	I/P/R	I/P/R	I/P/R	I/P/R	I/P/R	I/P	I/P	I/P
CO 2	Explain physiological variations (Genotype/Phenotype) with healthy ageing through the course of life i.e. fetal, neonatal, childhood, adolescence and adulthood and demonstrate understanding of the physiological responses and adaptation to environment and exercise	I/P/R	I/P/R	I/P/R	I/P/R	I/P/R	I/P/R	I/P	I/P/R	I/P
CO 3	Perform experiments to demonstrate physiological phenomenon and principles, interpret investigation results falling within the scope of physiology.	I/P/R	I/P/R	I/P/R	I/P/R	I/P	I/P	I/P	I/P	I/P
CO4	Apply principles of Physiology in clinicopathological conditions, diagnosis, investigations and management of diseased conditions	I	I	I	I/P	I/P	I/P	I	I	I
CO5	Conduct physical examination (general and system based) of normal subject in real or simulated conditions and demonstrate understanding of altered findings in physical examination of diseased conditions	I/P	I/P/R/M	I/P	I/P/R/M	I/P/R/M	I/P/R/M	I	I	