Semester	Time Frame	PHYA-HM-MDC-Th & Pr / Module/ Assessments	Teachers	Total no. of classes / Teacher / Month
	July	History of Physiology & Medicine	AG, RM	AG = (5 + 2) x 4 = 28
	,	Contribution of Indian Scientists in Physiology	AG	SD = 2 x 4 = 08
		Chemistry of Biomolecules: Proteins	RM	RM = (2 + 2) x 4 = 16
		Practical & Class Tests	SD, RM, AS, DS, AG	
	August	Cellular basis of Physiology	AG	AG = (5 + 2) x 4 = 28
		Chemistry of Biomolecules: Proteins	RM	$SD = 2 \times 4 = 08$
		Contribution of Indian Scientists in Physiology	AG	RM = (2 + 2) x 4 = 16
		Practical & Class Tests	SD, RM, AS, DS, AG	
	September	Cellular basis of Physiology	AG	AG = (5 + 2) x 4 = 28
1 (One)		Chemistry of Biomolecules: Nucleic acids	RM	SD = 2 x 4 = 08 RM = (2 + 2) x 4 = 16
I (One)		Chemistry of Biomolecules: Carbohydrates	AG	
		Practical & Class Tests	SD, RM, AS, DS, AG	
	October (Puja vacation: 18 th oct – 16 th Nov 2023)	Chemistry of Biomolecules: Carbohydrates	AG	AG = (5 + 2) x 4 = 28
		Chemistry of Biomolecules: Lipids	AG	SD = 2 x 4 = 08 RM = (2 + 2) x 4 = 16
		Chemistry of Biomolecules: Nucleic acids	RM	
	November	Clinical Importance of Biomolecules (SEC – I)	AG	AG = (5 + 2) x 4 = 28
	(Puja vacation:	Protein Disorders (SEC – I)	RM	$SD = 2 \times 4 = 08$
	18 th oct – 16 th Nov 2023)	Age Related Health Issues (SEC – I)	AG	RM = (2 + 2) x 4 = 16
	100 2023)	Work and Exercise Physiology – I (SEC – I)	RM	
	December (Christmas	Work and Exercise Physiology – II (SEC – I)	AG	AG = (5 + 2) x 4 = 28 SD = 2 x 4 = 08 RM = (2 + 2) x 4 = 16
	Holidays 25 th Dec 2023	Practical & Class Tests (SEC – I)	AG	
	– 1 ^{st Jan} 2024)	Work and Exercise Physiology – I (Cont.) (SEC – I)	RM	
		Semester- end Exams	AG, RM	

Abbreviations: Th = Theory Classes; Pr = Practical Classes; AG = Dr. Arijit Ghosh; RM = Mrs. Ritisri Mondal; SD = Mrs. Shalmi Das

Semester	Time Frame	PHY-Honours - Th & Pr / Module/ Assessments	Teachers	Total no. of classes / Teacher / Month
	July	Physiology of Blood & Body Fluids: Introduction, Bone Marrow	AG	$AG = (2 + 2) \times 4 = 16$
	,	Cardiovascular System: Introduction, Cardiac Cycle, Blood Pressure	SD, AS	DS = 4 x 4 = 16
		Respiratory System: Introduction, Disorders of Breathing	RM, DS	$AS = (2 + 2) \times 4 = 16$
		Practicals & Class Tests	AG, RM, AS, DS, SD	SD = 2 x 4 = 08 RM = (4 + 4) x 4 = 32
	August	Physiology of Blood & Body Fluids: Plasma Protein, Erythropoiesis	AG	AG = (2 + 2) x 4 = 16
	_	Cardiovascular System: Cardiac Output, ECG	SD, AS	DS = 4 x 4 = 16
		Respiratory System: Mechanics & Spirometry	RM, DS	$AS = (2 + 2) \times 4 = 16$ $SD = 2 \times 4 = 08$
		Practicals & Class Tests	AG, RM, AS, DS, SD	$RM = (4 + 4) \times 4 = 32$
	September	Physiology of Blood & Body Fluids: Blood Volume, Hemostasis, Blood Group	AG, AS	AG = (2 + 2) x 4 = 16
3 (Three)		Cardiovascular System: Pulse	SD, DS	DS = 4 x 4 = 16 AS = (2 + 2) x 4 = 16 SD = 2 x 4 = 08 RM = (4 + 4) x 4 = 32
5 (11100)		Respiratory System: Pulmonary Circulation, Transport of Gases	RM, DS	
		Practicals & Class Tests	AG, RM, AS, DS, SD	
	October (Puja vacation: 18 th oct – 16 th Nov 2023)	Lymph, Lymphatic Organs, Disorder, Hematological Technique (SEC – A1)	AG	AG = (2 + 2) x 4 = 16
		Cardiovascular System: Homeostasis, Coronary Circulation	SD	DS = 4 x 4 = 16 AS = (2 + 2) x 4 = 16 SD = 2 x 4 = 08 RM = (4 + 4) x 4 = 32
		Respiratory System: Revision	RM, DS	
	November	Hematological Technique (SEC – A1)	AG	AG = (2 + 2) x 4 = 16
	(Puja vacation:	Cardiovascular System: Revision	SD	DS = 4 x 4 = 16
	$18^{th} oct - 16^{th}$	Respiratory System: Revision	RM	AS = (2 + 2) x 4 = 16 SD = 2 x 4 = 08
	Nov 2023)	Practicals & Class Tests	AG, RM, AS, DS, SD	$RM = (4 + 4) \times 4 = 32$
	December (Christmas	Hematological Technique (SEC – A1)	AG	AG = (2 + 2) x 4 = 16 DS = 4 x 4 = 16
	Holidays: 25 th	Cardiovascular System: Revision	SD, DS	$AS = (2 + 2) \times 4 = 16$ SD = 2 × 4 = 08 RM = (4 + 4) × 4 = 32
	Dec 2023 – 1 st	Respiratory System: Revision	RM	
	^{Jan} 2024)	Semester - End (Internal Assessment)	AG, RM, AS, DS, SD	

Semester	Time Frame	PHY-General - Th & Pr / Module/ Assessments	Teachers	Total no. of classes / Teacher
				/ Month
	July	Nerve Muscle Physiology	AS	DS = 2 x 4 = 08
		Nervous System	SD	$SD = 2 \times 4 = 08$
		Special Senses	DS, AS	$AS = 1 \times 4 = 04$ RM = 1 × 4 = 04
		Microbiology & Immunology (SEC A1)	RM, DS	1111 - 1 X 4 - 04
	August	Nerve Muscle Physiology	AS	DS = 2 x 4 = 08
		Nervous System	SD	$SD = 2 \times 4 = 08$
		Special Senses	DS, AS	$AS = 1 \times 4 = 04$ RM = 1 × 4 = 04
		Microbiology & Immunology (SEC A1)	RM, DS	
	September	Nerve Muscle Physiology	AS	DS = 2 x 4 = 08
		Nervous System	SD	SD = 2 x 4 = 08 AS = 1 x 4 = 04 RM = 1 x 4 = 04
o (=)		Special Senses	DS, AS	
3 (Three)		Microbiology & Immunology (SEC A1)	RM, DS	
	October (Puja vacation: 18 th oct – 16 th Nov 2023)	Nerve Muscle Physiology	AS	DS = 2 x 4 = 08 SD = 2 x 4 = 08 AS = 1 x 4 = 04 RM = 1 x 4 = 04
		Nervous System	SD	
		Special Senses	DS, AS	
	November	Nerve Muscle Physiology	AS	$DS = 2 \times 4 = 08$ $SD = 2 \times 4 = 08$
	(Puja vacation:	Nervous System	SD	
	18 th oct – 16 th	Special Senses	DS, AS	$AS = 1 \times 4 = 04$ RM = 1 × 4 = 04
	Nov 2023)	Microbiology & Immunology (SEC A1)	RM, DS	1111 - 1 X 4 - 04
	December	Nerve Muscle Physiology	AS	DS = 2 x 4 = 08
	(Christmas	Nervous System	SD	SD = 2 x 4 = 08 AS = 1 x 4 = 04
	Holidays: 25 th Dec 2023 – 1 st	Special Senses	DS, AS	$RM = 1 \times 4 = 04$
	^{Jan} 2024)	Semester - End (Internal Assessment)	AG, RM, AS, DS, SD	

Semester	Time Frame	PHY-Honours - Th & Pr / Module/ Assessments	Teachers	Total no. of
				classes / Teacher
	1			/ Month AG = (3 + 2) x 4 = 20
	July	Special Senses:	DS, AS	$AG = (3 + 2) \times 4 = 20$ DS = 5 x 4 = 20
		Endocrinology:	AG, RM	$SD = (2 + 2) \times 4 = 16$
		Microbiology & Immunology:	RM, DS	AS = 3 x 4 = 12
		Work, Exercise & Sports Physiology:	SD, AS	$RM = 5 \times 4 = 20$
	August	Special Senses:	DS, AS	AG = (3 + 2) x 4 = 20 DS = 5 x 4 = 20
		Endocrinology:	AG, RM	$SD = (2 + 2) \times 4 = 16$
		Microbiology & Immunology:	RM, DS	AS = 3 x 4 = 12
		Work, Exercise & Sports Physiology:	SD, AS	RM = 5 x 4 = 20
	September	Special Senses:	DS, AS	AG = (3 + 2) x 4 = 20 DS = 5 x 4 = 20 SD = (2 + 2) x 4 = 16 AS = 3 x 4 = 12 RM = 5 x 4 = 20
		Endocrinology:	AG, RM	
5 (Five)		Microbiology & Immunology:	RM, DS	
5 (FIVE)		Work, Exercise & Sports Physiology:	SD, AS	
	October (Puja vacation: 18 th oct – 16 th Nov 2023)	Microbiology & Immunology:	RM, DS	AG = (3 + 2) x 4 = 20
		Work, Exercise & Sports Physiology:	SD, AS	$DS = 5 \times 4 = 20$
		Practicals & Class Tests	RM, DS, SD,	SD = (2 + 2) x 4 = 16 AS = 3 x 4 = 12
			AS, AG	$RM = 5 \times 4 = 20$
	November	Microbiology & Immunology:	RM, DS	AG = (3 + 2) x 4 = 20
	(Puja vacation:	Work, Exercise & Sports Physiology:	SD, AS	$DS = 5 \times 4 = 20$
	18 th oct – 16 th	Endocrinology: Revision	AG, RM	SD = (2 + 2) x 4 = 16 AS = 3 x 4 = 12
	Nov 2023)	Practicals & Class Tests	RM, AS, DS,	$RM = 5 \times 4 = 20$
			SD, AG	
	December	Microbiology & Immunology:	RM, DS	AG = (3 + 2) x 4 = 20 DS = 5 x 4 = 20
	(Christmas Holidays: 25 th Dec 2023 – 1 st	Work, Exercise & Sports Physiology:	SD, DS	SD = (2 + 2) x 4 = 16 AS = 3 x 4 = 12
			-	
	^{Jan} 2024)	Special Senses: Revision	AS, DS	RM = 5 x 4 = 20
		Semester - End (Internal Assessment)	AG, RM, AS, DS, SD	

Academic Plan for Semester – V (Gen), Dept. of PHYSIOLOGY, 2023-24

Semester	Time Frame	PHY-General - Th & Pr / Module/ Assessments	Teachers	Total no. of classes / Teache / Month
	July	Haematology	AG, AS	AG = 01 x 4 = 04
		Practicals & Class Tests	AG, RM, AS, DS, SD	AS = 02 x 4 = 08
	August	Haematology	AG, AS	AG = 01 x 4 = 04
		Practicals & Class Tests	AG, RM, AS, DS, SD	AS = 02 x 4 = 08
	September	Haematology	AG, AS	AG = 01 x 4 = 04
5 (Five)		Practicals & Class Tests	AG, RM, AS, DS, SD	AS = 02 x 4 = 08
	October (Puja vacation: 18 th oct – 16 th Nov 2023)	Haematology - Revision	AG, AS	AG = 01 x 4 = 04 AS = 02 x 4 = 08
	November	Haematology - Revision	AG, AS	AG = 01 x 4 = 04 AS = 02 x 4 = 08
	(Puja vacation: 18 th oct – 16 th Nov 2023)	Practicals & Class Tests	AG, RM, AS, DS, SD	
	December (Christmas	Haematology - Revision	AG, AS	AG = 01 x 4 = 04 AS = 02 x 4 = 08
	Holidays: 25 th Dec 2023 – 1 st ^{Jan} 2024)	Semester - End (Internal Assessment)	AG, RM, AS, DS, SD	

Academic Plan of PHYSIOLOGY Department Year 2023-24

Semester	Time Frame	PHYA-HM-MDC-Th & Pr / Module/ Assessments	Teachers	Total no. of
				classes / Teacher
				/ Month
	January	Cell Signalling	RM	AG = (5 + 2) x 4 = 28
		Biophysics & Biophysical Principle - I	AG	RM = (2 + 2) x 4 = 16
		Practical & Class Tests	SD, RM, AS, DS, AG	
	February	Enzyme - I	RM	AG = (5 + 2) x 4 = 28
		Biophysics & Biophysical Principle - I	AG	RM = (2 + 2) x 4 = 16
		Practical & Class Tests	SD, RM, AS, DS, AG	
	March	Biophysics & Biophysical Principle - II	AG	AG = (5 + 2) x 4 = 28 RM = (2 + 2) x 4 = 16
		Enzyme - II	RM	
2 (Two)		Practical & Class Tests	SD, RM, AS, DS, AG	
	April	Clinical Biochemistry – I (SEC – II)	AG	AG = (5 + 2) x 4 = 28
		Laboratory Automation, Management and Safety (SEC – II)	RM	RM = (2 + 2) x 4 = 16
	May	Histological Techniques for Pathological Identification - I (SEC – II)	AG	AG = (5 + 2) x 4 = 28
		Clinical Biochemistry – II (SEC – II)	RM	RM = (2 + 2) x 4 = 16
	June	Histological Techniques for Pathological Identification - II (SEC – II)	AG	AG = (5 + 2) x 4 = 28 RM = (2 + 2) x 4 = 16
		Practical & Class Tests (SEC – I)	RM	
		Semester- end Internal Assessment	AG, RM	

Abbreviations: Th = Theory Classes; Pr = Practical Classes; AG = Dr. Arijit Ghosh; RM = Mrs. Ritisri Mondal

Semester	Time Frame	PHY-Honours - Th & Pr / Module/ Assessments	Teachers	Total no. of
				classes / Teacher
				/ Month
	January	Digestion & Metabolism	SD, AS	$AG = (1 + 4) \times 4 = 20$
		Molecular Biology	RM, DS	$DS = 4 \times 4 = 16$ $AS = (2 + 2) \times 4 = 16$
		Nutrition & Dietetics	AG	$SD = 2 \times 4 = 08$
		Detection of Food Additives / Adulterants and Xenobiotics	AG	RM = (4 + 4) x 4 = 32
	February	Digestion & Metabolism	SD, AS	AG = (1 + 4) x 4 = 20
		Molecular Biology	RM, DS	$DS = 4 \times 4 = 16$ $AS = (2 + 2) \times 4 = 16$
		Nutrition & Dietetics	AG	$A3 = (2 + 2) \times 4 = 10$ SD = 2 x 4 = 08
		Detection of Food Additives / Adulterants and Xenobiotics	AG	RM = (4 + 4) x 4 = 32
	March	Digestion & Metabolism	SD, AS	$AG = (1 + 4) \times 4 = 20$ $DS = 4 \times 4 = 16$ $AS = (2 + 2) \times 4 = 16$ $SD = 2 \times 4 = 08$ $RM = (4 + 4) \times 4 = 32$ $AG = (1 + 4) \times 4 = 20$ $DS = 4 \times 4 = 16$ $AS = (2 + 2) \times 4 = 16$ $SD = 2 \times 4 = 08$ $RM = (4 + 4) \times 4 = 32$ $AG = (1 + 4) \times 4 = 20$
		Molecular Biology	RM, DS	
4 (Four)		Nutrition & Dietetics	AG	
4 (1001)		Detection of Food Additives / Adulterants and Xenobiotics	AG	
	April	Digestion & Metabolism	SD, AS	
		Molecular Biology	RM, DS	
		Nutrition & Dietetics	AG	
		Detection of Food Additives / Adulterants and Xenobiotics	AG	
	May	Digestion & Metabolism	SD, AS	
		Molecular Biology	RM, DS	$DS = 4 \times 4 = 16$
		Nutrition & Dietetics, Class Tests	AG	AS = (2 + 2) x 4 = 16 SD = 2 x 4 = 08
		Detection of Food Additives / Adulterants and Xenobiotics	AG	$RM = (4 + 4) \times 4 = 32$ $AG = (1 + 4) \times 4 = 20$ $DS = 4 \times 4 = 16$ $AS = (2 + 2) \times 4 = 16$
	June	Digestion & Metabolism	SD, AS	
		Molecular Biology	RM, DS	
		Nutrition & Dietetics, Class Tests	AG	SD = 2 x 4 = 08 RM = (4 + 4) x 4 = 32
		Semester - End (Internal Assessment)	AG, RM, AS, DS, SD	

Semester	Time Frame	PHY-General - Th & Pr / Module/ Assessments	Teachers	Total no. of classes / Teache
				/ Month
	January	Endocrinology	RM	DS = 2 x 4 = 08
		Reproductive System	SD	$AS = 1 \times 4 = 04$ $SD = 2 \times 4 = 08$
		Excretory System	DS	$SD = 2 \times 4 = 08$ RM = 1 × 4 = 04
		Community & Public Health	AS	
	February	Endocrinology	RM	DS = 2 x 4 = 08
		Reproductive System	SD	$AS = 1 \times 4 = 04$ $SD = 2 \times 4 = 08$
		Excretory System	DS	$SD = 2 \times 4 = 08$ RM = 1 × 4 = 04
		Community & Public Health	AS	
	March	Endocrinology	RM	DS = 2 x 4 = 08 AS = 1 x 4 = 04 SD = 2 x 4 = 08 RM = 1 x 4 = 04
		Reproductive System	SD	
4 (Excretory System	DS	
4 (Four)		Community & Public Health	AS	
	April	Endocrinology	RM	DS = 2 x 4 = 08 AS = 1 x 4 = 04 SD = 2 x 4 = 08 RM = 1 x 4 = 04
		Reproductive System	SD	
		Excretory System	DS	
		Community & Public Health	AS	
	May	Endocrinology	RM	DS = 2 x 4 = 08
		Reproductive System	SD	$AS = 1 \times 4 = 04$
		Excretory System	DS	$SD = 2 \times 4 = 08$ RM = 1 × 4 = 04
		Community & Public Health	AS	$1 \times 10^{-1} = 1 \times 4 = 04$
	June	Endocrinology	RM	DS = 2 x 4 = 08 AS = 1 x 4 = 04 SD = 2 x 4 = 08
		Reproductive System	SD	
		Excretory System	DS	RM = 1 x 4 = 04
		Semester - End (Internal Assessment)	AG, RM, AS, DS, SD	

Semester	Time Frame	PHY-Honours - Th & Pr / Module/ Assessments	Teachers	Total no. of
				classes / Teacher
				/ Month
	January	Reproductive Physiology	SD	$AG = (4 + 2) \times 4 = 24$ $DS = 4 \times 4 = 16$
		Excretory System	AG	$DS = 4 \times 4 = 16$ SD = (2 + 2) x 4 = 16
		Community & Public Health	AS, SD	$AS = 3 \times 4 = 12$
		Toxicology & Pharmacology	RM, DS	RM = 5 x 4 = 20
	February	Reproductive Physiology	SD	AG = (4 + 2) x 4 = 24
		Excretory System	AG	$DS = 4 \times 4 = 16$ $SD = (2 + 2) \times 4 = 16$
		Community & Public Health	AS, SD	$AS = 3 \times 4 = 12$
		Toxicology & Pharmacology	RM, DS	RM = 5 x 4 = 20
	March	Reproductive Physiology	SD	AG = (4 + 2) x 4 = 24
		Excretory System	AG	$DS = 4 \times 4 = 16$ $SD = (2 + 2) \times 4 = 16$ $AS = 3 \times 4 = 12$ $RM = 5 \times 4 = 20$ $AG = (4 + 2) \times 4 = 24$ $DS = 4 \times 4 = 16$ $SD = (2 + 2) \times 4 = 16$ $AS = 3 \times 4 = 12$ $RM = 5 \times 4 = 20$
6 (Six)		Community & Public Health	AS, SD	
0 (31X)		Toxicology & Pharmacology	RM, DS	
	April	Reproductive Physiology	SD	
		Excretory System	AG	
		Community & Public Health	AS, SD	
		Toxicology & Pharmacology	RM, DS	
	May	Reproductive Physiology	SD	AG = (4 + 2) x 4 = 24
		Excretory System	AG	$DS = 4 \times 4 = 16$ $SD = (2 + 2) \times 4 = 16$
		Community & Public Health	AS, SD	$SD = (2 + 2) \times 4 = 10$ AS = 3 x 4 = 12
		Toxicology & Pharmacology	RM, DS	$RM = 5 \times 4 = 20$
·	June	Reproductive Physiology	SD	$AG = (4 + 2) \times 4 = 24$
		Excretory System	AG	DS = 4 x 4 = 16 SD = (2 + 2) x 4 = 16 AS = 3 x 4 = 12
		Community & Public Health	AS, SD	
		Toxicology & Pharmacology	RM, DS	RM = 5 x 4 = 20
		Semester - End (Internal Assessment)	AG, RM, AS,	
			DS, SD	

Academic Plan for Semester – VI (Gen), Dept. of PHYSIOLOGY, 2023-24

Semester	Time Frame	PHY-General - Th & Pr / Module/ Assessments	Teachers	Total no. of classes / Teacher / Month
	January	Human Nutrition & Dietetics (DSE B2)	DS, AS	DS = 1 x 4 = 04 AS = (1 + 2) x 4 = 12
	February	Human Nutrition & Dietetics (DSE B2)	DS, AS	DS = 1 x 4 = 04 AS = (1 + 2) x 4 = 12
6 (Six)	March	Human Nutrition & Dietetics (DSE B2)	DS, AS	DS = 1 x 4 = 04 AS = (1 + 2) x 4 = 12
0 (SIX)	April	Human Nutrition & Dietetics (DSE B2)	DS, AS	DS = 1 x 4 = 04 AS = (1 + 2) x 4 = 12
	May	Human Nutrition & Dietetics (DSE B2)	DS, AS	$DS = 1 \times 4 = 04$ $AS = (1 + 2) \times 4 = 12$
		Class Tests		A3 - (1 + 2) A 4 - 12
	June	Human Nutrition & Dietetics (DSE B2)	DS, AS	DS = 1 x 4 = 04 AS = (1 + 2) x 4 = 12
		Semester - End (Internal Assessment)	AG, RM, AS, DS, SD	