

**YOGODA SATSANGA PALPARA MAHAVIDYALAYA**  
**DEPARTMENT OF PHYSIOLOGY**  
**TEACHING PLAN**  
**2021-2022**

SEMESTER	PAPER	UNIT/MODULE	TEACHER	NO OF LECTURES	TO BE COMPLETED WITHIN	
Semester-I	DSC-1AT	Cellular Physiology & Biophysical principles	Dr. Amita Dash	8	1 <sup>st</sup> & 2 <sup>nd</sup> MONTH	
		biochemistry, Digestive system & metabolism		8	2 <sup>nd</sup> & 3 <sup>rd</sup> MONTH	
	DSC - 1AP	Fresh tissue experiment	Dr. Amita Dash	4	1 <sup>st</sup> & 2 <sup>nd</sup> MONTH	
		Identification of permanent slides		4	3 <sup>rd</sup> MONTH	
	GE – 1T	Introduction to physiology and basic biophysical principles	Dr. Amita Dash	4	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> month	
				Biomolecules		5
				Digestive system & metabolism		4
				Blood & Cardiovascular system		4
				Respiratory system		3

	GE- 1P	Qualitative analysis of carbohydrates, proteins, bile salts etc.	Dr. Amita Dash	8	1 <sup>st</sup> & 2 <sup>nd</sup> month
		Examination & staining of fresh tissue		6	3 <sup>rd</sup> & 4 <sup>th</sup> month
Semester II	DSC- 1BT	Blood & Body fluids	Dr. Amita Dash	5	1 <sup>st</sup> month
		Immune system		6	1 <sup>st</sup> month
		Cardiovascular system		8	2 <sup>nd</sup> month
		Respiratory system		4	3 <sup>rd</sup> month
	DSC – 1BP	Hematology	Dr. Amita Dash	8	1 <sup>st</sup> & 2 <sup>nd</sup> month
		Human Experiment		Mr. Monoj Maiti	8
	GE- 2T	Nerve- Muscle Physiology and Nervous system	Dr. Amita Dash	6	1 <sup>st</sup> month
		Endocrinology & Reproductive system		6	2 <sup>nd</sup> month
		Excretory Physiology		8	3 <sup>rd</sup> month
		Community Health & Nutrition		4	4 <sup>th</sup> month

	GE- 2P	Practical	Dr. Amita Dash	16	1 <sup>st</sup> - 3 <sup>rd</sup> month
Semester III	DSC- 1CT	Nerve- Muscle Physiology	Dr. Amita Dash	6	1 <sup>st</sup> month
		Nervous System		6	2 <sup>nd</sup> month
		Skin & Body temperature regulation		4	3 <sup>rd</sup> month
	DSC- 1CP	Practical	Dr. Amita Dash	12	1 <sup>st</sup> – 3 <sup>rd</sup> month
	GE- 3T	Community and Public Health	Dr. Amita Dash	16	1 <sup>st</sup> – 3 <sup>rd</sup> month
	GE- 3P	Community and Public Health	Dr. Amita Dash	12	2 <sup>nd</sup> – 4 <sup>th</sup> month
Semester IV	DSC- 1DT	Sensory Physiology	Dr. Amita Dash	6	1 <sup>st</sup> month
		Endocrinology		8	2 <sup>nd</sup> month
		Reproductive Physiology		6	3 <sup>rd</sup> month
		Renal Physiology		4	4 <sup>th</sup> month
	DSC- 1DP	Practical & Demonstration	Dr. Amita Dash	12	1 <sup>st</sup> – 3 <sup>rd</sup> month
Semester V	DSE- 1AT	Sports & Work Physiology	Dr. Amita Dash	8	1 <sup>st</sup> - 2 <sup>nd</sup> Month
		Ergonomics		6	2 <sup>nd</sup> month

		Anthropometry		4	3 <sup>rd</sup> month
	DSE-1AP	Practical ( Sports physiology, work physiology and Ergonomics)	Dr. Amita Dash	12	2 <sup>nd</sup> – 4 <sup>th</sup> month
	SEC-3T	Maternal and child nutrition	Dr. Amita Dash	10	1 <sup>st</sup> – 3 <sup>rd</sup> month
Semester VI	DSE-1BT	Clinical Hematology	Dr. Amita Dash	16	1 <sup>st</sup> – 3 <sup>rd</sup> month
	DSE-1BP	Practical (Clinical Hematology)	Dr. Amita Dash	12	2 <sup>nd</sup> – 4 <sup>th</sup> month