

PONDICHERRY INSITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
1st yr PG MD PHYSIOLOGY (2025 Batch) TRAINING PROGRAMME
(August – 2026)

Serial no	Date	Time	Academic activity	Moderator
1.	1/8/26	8-10 am	Self study	Dr.Angel
		10-11 am	PG discussion- Composition and functions of blood, Plasma protein	
2.	3/8/26	8-10 am	Self study	Dr.Paramita Dr.Karthika & Mr Mohan
		10-11 am	PG discussion- Hemoglobin (Structure, synthesis, functions, breakdown, applied)	
		2.15-4.15 pm	PG Practical – ECG recording and analysis	
3.	4/8/26	8-10 am	Self study	Dr.Kavita (F) Dr. Ramya
		10-11 am	Journal club	
		2.15-4.15 pm	PG Practical – Examination of arterial pulse and other peripheral pulses, Examination of venous pulse & arterial pulse tracing	
4.	5/8/26	8-10 am	Self study	Dr. Rekha Dr. Rajesh & Mr Mohan
		10-11 am	PG discussion- Hemopoiesis and Erythropoiesis	
		2.15-4.15 pm	PG Practical – Heart Rate Variability and spectral analysis	
5.	6/8/26	8-10 am	Self study	Dr.Sathyamoorthy Dr.Rajesh & Mr Mohan
		10-11 am	PG discussion- Leukocyte (Structure, synthesis, functions, applied)	
		2.15-4.15 pm	PG Practical – HRV and spectral analysis	
6.	7/8/26	8-10 am	Self study	Dr. Rekha (M)
		10-11 am	Seminar – Haemopoietic stem cell	

		2.15-4.15 pm	PG Practical – Anthropometry and Body composition analysis	Faculty of Community medicine dept & Mr Mohan
7.	8/8/26	8-10 am 10-11 am	Self study PG discussion- Immunity	Dr.Karthika
8.	10/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study PG discussion- Immunity PG practical- Assessment of Basal metabolic rate by bioimpedance analysis	Dr.Karthika Faculty of community medicine dept & Mr Mohan
9.	11/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study Seminar – Autoimmunity PG practical- General physical examination and examination of higher mental function	Dr.Karthika (M) Dr.Angel
10.	12/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study PG discussion- Platelet (Structure, synthesis, functions, applied) Effect of posture on heartrate and blood pressure	Dr.Shanti Dr.Ramya
11.	13/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study PG discussion- Hemostasis & anticlotting mechanism PG practical – Cardiac efficiency test & calculation of VO2 max (Harvard step test, Bicycle Ergometry)	Dr.Sathyamoorthy Dr.Rajesh
12.	14/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study Seminar- Cytokines PG practical- Clinical examination of CVS	Dr.Shanti (M) Dr.Sathyamoorthy
13.	17/8/26	8-10 am 10-11 am	Self study PG discussion- Blood group	Dr. Paramita

		2.15-4.15	and blood transfusion PG practical - Clinical examination of abdomen	Dr. Kavita
14.	18/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study Journal club PG practical – Clinical examination of RS	Dr. Angel (M) Dr. Paramita
15.	19/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study PG discussion- Organization of GIT, Enteric nervous system PG practical- Effect of posture on Vital capacity	Dr. Paramita Dr. Angel
16.	20/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study PG discussion- Mastication, Deglutition, saliva & oesophagus PG practical- Stethography	Dr. Ramya Dr. Ramya
17.	21/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study Seminar- Blood substitutes PG practical- Pulmonary function test & spirometry, PEFR	Dr. Paramita (M) Dr. Rajesh
18.	22/8/26	8-10 am 10-11 am	Self study PG discussion- Gastric secretion and motility	Dr. Kavita
19.	24/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study PG discussion- Hepatic and pancreatic secretion PG practical- Sensory system examination	Dr. Shanti Dr. Shanti
20.	25/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study Journal club PG practical- Motor system examination & reflexes	Dr. Sathyamoorthy (M) Dr. Kavita
21.	26/8/26	8-10 am	Self study	

		10-11 am 2.15-4.15 pm	PG discussion- Intestinal motility and secretions PG Practical – Cranial nerve examination	Dr. Paramita Dr. Ramya
22.	27/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study PG discussion- Digestion and absorption of carbohydrate, protein and fat PG practical - Perimetry	Dr.Kavita Dr. Subhasis Das
23.	28/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study Seminar- GI Hormones PG practical- Autonomic function test	Dr.Kavita (M) Dr. Rekha
24.	29/8/26	8-10 am 10-11 am	Self study PG discussion- Functional anatomy of kidney, Renal blood flow, JGA	Dr. Angel
25.	31/8/26	8-10 am 10-11 am 2.15-4.15 pm	Self study PG discussion- Glomerular filtration PG practical -- EEG, Polysomnography	Dr. Paramita Mrs. B. Suganthi