



Integrated Teaching Sessions

Integrated teaching sessions were conducted by the Department of Physiology in collaboration with other departments, integrating both horizontally and vertically, to cover the chosen topic in depth for the all-round understanding of the students.

IT 1	Hemoglobin 05.01.2023	
S. No.	Faculty	Topic
1	Dr.A.Hariharan Assistant Professor Biochemistry	Structure of hemoglobin and degradation of hemoglobin
2	Dr.R.Durai Arasan Senior resident Physiology	Types, forms and functions of hemoglobin
3	Dr.Sangeetha Associate Professor General medicine	Disorders of hemoglobin and hemolytic jaundice

IT 2	Pernicious Anemia 23.02.2023	
S. No.	Faculty	Topic
1	Dr.R.Durai Arasan Senior Resident, Physiology	Vitamin B ₁₂ metabolism
2	Dr.J.Jamuna Senior Resident Pathology	Pathophysiology of Pernicious anemia
3	Dr.A.Hariharan Assistant Professor Biochemistry	Biochemical aspects of Pernicious anemia
4	Dr.M.Virgin Joena Professor and HOD General Medicine	Management of Pernicious anemia



IT 3	Oxygen Saturation 28.04.2023	
S. No.	Faculty	Topic
1	Dr.R.Durai Arasan Senior Resident Physiology	Oxygen saturation and its measurement
2	Dr.Kahkashan Riyaz Assistant Professor Pathology	Disorders of low oxygen saturation
3	Dr.Varun Ramamoorthy Consultant ICU	Management of low oxygen saturation disorders

IT 4	Thyroid Disorders : Management 22.06.2023	
S. No.	Faculty	Topic
1	Dr.R.Durai Arasan Senior Resident Physiology	Functions of thyroid gland
2	Dr.K.Abirami Assistant Professor Pathology	Thyroid Disorders
3	Dr.Virgin Joena Professor and HOD General Medicine	Medical Management of Thyroid Disorders
4	Dr.Naren Karthikeyan, Senior resident General surgery	Medical Management of Thyroid Disorders



IT 5	Vitamin D: in Health and Disease 29.06.2023	
S. No.	Faculty	Topic
1	Dr.M.Renu Meena Assistant Professor Physiology	Synthesis and Functions of Vitamin D
2	Dr.A.Hariharan Associate Professor Biochemistry	Investigations in Vitamin D Deficiency
3	Dr.M.R.Warun Kumar Consultant Diabetologist and Endocrinologist	Recognition and Management of Vitamin D Disorders

IT 6	Hormone Replacement Therapy 14.07.2023	
S. No.	Faculty	Topic
1	Dr.S.Anu Professor and HOD Physiology	Ovarian hormones
2	Dr.S.Sindhu Associate Professor Pharmacology	HRT – types, benefits and side effects
3	Dr.Anupama Associate Professor Obstetrics and Gynaecology	HRT – practice essentials overview



IT 7	Coping with Real Life Depression 24.08.2023	
S. No.	Faculty	Topic
1	Dr.M.Renu Meena Assistant Professor Physiology	Physiology of emotions
2	Dr.Virgin Joena Professor and HOD General Medicine	Medical management of depression
3	Dr.S.B.Rena Rosalind Associate Professor Psychiatry	Coping with real life depression

IT 8	Allergic Rhinitis 28.08.2023	
S. No.	Faculty	Topic
1	Dr.S.Anu Professor and HOD Physiology	Hormones involved in hypersensitivity reactions
2	Dr.K.Yegumuthu Professor and HOD Pathology	Pathophysiology of allergic rhinitis
3	Dr.P.Prem Ananth Professor Thoracic medicine	Allergic rhinitis – investigations and management



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