

Alluri Sitarama Raju Academy of Medical Sciences, Eluru
I MBBS – Academic Time-table for the year 2019 – 2020
Timeline - 40 weeks

Month	Anatomy	Physiology	Biochemistry	Anatomy	Physiology	Biochemistry
				Horizontal integration –Temporal coordination		
August	Foundation course					
September October	General Anatomy Upper limb Thorax	General Physiology Hematology, Immunology Nerve &muscle physiology CVS Physiology	Basic Biochemistry, Proteins structure function relationship Hemoglobin Metabolism, Iron metabolim, Vitamin B12, Folic acid, Immunology, Enzymes, Isoenzymes, Lipid metabolism		Hematology ↔	Hemoglobin Metabolism, Iron metabolim
					Immunology ↔	Immunology
				Thorax ↔	CVS Physiology Respiratory Physiology ↔	Lipid metabolism Isoenzymes
November December	Thorax Abdomen	CVS Physiology Respiratory Physiology Gastro- intestinal Physiology Renal physiology	Lipid metabolism, Biological oxidation Carbohydrate chemistry, Digestion & absorption, Carbohydrate metabolism Liver- PEM, Jaundice, LFT, Vitamin K, Renal- RFT,	Abdomen ↔	Gastro-intestinal Physiology ↔	Digestion & absorption, Carbohydrate metabolism , Liver- PEM, Jaundice, LFT
				Abdomen ↔	Renal physiology ↔	RFT

January February	Abdomen Head & Neck	Renal physiology Neuro physiology	Water electrolyte and acid base balance, Minerals- Sodium, Potassium, Chloride, Vitamins – B1,B2,B3,B5,B6,B7 Protein metabolism Integration of metabolism	Abdomen	Renal physiology	Water electrolyte and acid base balance, Minerals-Sodium, Potassium, Chloride
March April	Head & Neck Neuroanatomy	Neuro physiology	Minerals-Cu,Zn,Fl,Se,I ₂ Obesity, Diet, Vitamin A Nucleotide chemistry Nucleic acid metabolism Molecular biology	Head & Neck Neuroanatomy	Neuro physiology	Vitamin A
May	Vacation					
June July	Neuroanatomy Genetics Lower limb	Endocrine Physiology Reproductive Physiology	Molecular biology Cancer, Blood glucose regulation, DM, Diet, Thyroid and adrenal function tests Calcium &phosphorus metabolism, Vitamin D metabolism, Protein targeting &sorting, ECM, Vitamin C metabolism, Xenobiotics, antioxidants, Vitamin E, Diet	Neuroanatomy Genetics	Endocrine Physiology	Molecular biology Thyroid function tests Adrenal function tests Calcium &phosphorus metabolism, Vitamin D