

MANDYA INSTITUTE OF MEDICAL SCIENCES MANDYA

DRAFT TIME TABLE FOR FIRST MBBS 2019-20.

Quarter	Anatomy	Physiology	Biochemistry	Possible linker sessions	Early Clinical Exposure	AETCOM
August	Foundation Course					
1 ST Quarter	<ul style="list-style-type: none"> • General Anatomy • General Histology • Upper limb (Osteology & Gross Anatomy) • Thorax (Osteology & Gross Anatomy) • General Embryology • Systemic Histology(RS) • Systemic Embryology-(RS, CVS) 	<ul style="list-style-type: none"> • General physiology • Blood • Nerve Muscle physiology • CVS (part 1) 	<ul style="list-style-type: none"> • Cell structure • Extra cellular matrix • Membrane Transport • Chemistry of Carbohydrates • Chemistry of nucleic acid • Hemoglobin Chemistry • Haemoglobin metabolism • Biological oxidation • Enzymes • Metabolism of Carbohydrates • Minerals 	<ul style="list-style-type: none"> • Myocardial Infarction • Anemia with hypoproteinemia 	9 hours per department (6 hours for basic science correlation and 3 hours for clinical skills)	<ul style="list-style-type: none"> • Module 1.1 done in foundation course (8 hours) • Module 1.5 (4 hours) • Module 1.2 (8 hrs)
	1 st Internal Assessment					

2 nd Quarter	<ul style="list-style-type: none"> • Abdomen & Pelvis(Gross Anatomy & Osteology) • Lower limb(Gross Anatomy & Osteology) • Genetics-I • Systemic embryology – GIT, Urinary & Reproductive system • Systemic Histology- GIT, Urinary & Reproductive system 	<ul style="list-style-type: none"> • CVS (part 2) • RS • GIT • Renal system • Endocrines (part 1) 	<ul style="list-style-type: none"> • Vitamins • Lipid chemistry • Lipid metabolism • Nucleic acid metabolism • Water and electrolyte balance • Acid base balance • Organ function test (LFT & RFT) • Genetics (Part1) 	<ul style="list-style-type: none"> • Acid base balance • Jaundice • Renal failure • Hernia 	9 hours per department (6 hours for basic science correlation and 3 hours for clinical skills)	Module 1.3 (7 hrs)
	2 nd Internal Assessment					

3 rd Quarter	<ul style="list-style-type: none"> • Head and Neck(Gross Anatomy & Osteology) • Neuro anatomy (CNS & ANS) • Cranial nerves & their functional components • Systemic histology- (CNS, Endocrines, eyeball) • Genetics- II (Including genetic charts) • Systemic embryology (Head and Neck , Skeletal system& miscellaneous) 	<ul style="list-style-type: none"> • Endocrines (part 2) • Reproductive system • CNS • Special senses • Integrated physiology 	<ul style="list-style-type: none"> • Genetics (Part2) • Chemistry of proteins • Metabolism of amino acids • Integration of metabolism • Function tests and abnormalities of thyroid and adrenal glands • Nutrition • Free radicals and antioxidants • Xenobiotics • Hormone action • Immunity • Vaccine development • Metabolism of cancer • Automation and quality control • Biomedical waste management • Plasma protein • Radio isotopes 	<ul style="list-style-type: none"> • Hemiplegia • Parkinson disease • Diabetes mellites • Malnutrition • Thyroid • Genetic Syndromes 	12 hours per department (6 hours for basic science correlation and 6 hours for clinical skills)	Module 1.4 (7 hrs)
3 rd Internal Assessment						
University exams						