

Proposed Schedule of broad topics for 1st MBBS Course from 2019-20 batch (modified from proposed model of RGUHS)

SESSION No	ANATOMY	PHYSIOLOGY	BIOCHEMISTRY	INTEGRATION TOPICS	EARLY CLINICAL EXPOSURE	AETCOM
1	<ul style="list-style-type: none"> ▪ General anatomy ▪ General histology ▪ General embryology ▪ Upper limb ▪ Thorax ▪ Lower limb 	<ul style="list-style-type: none"> ▪ General physiology ▪ Blood ▪ Muscle-Nerve physiology ▪ CVS 	<ul style="list-style-type: none"> ▪ Cell structure ▪ Membrane transport ▪ Chemistry of carbohydrates ▪ Extracellular matrix ▪ Haemoglobin chemistry ▪ Chemistry of nucleic acids ▪ Biological oxidation ▪ Enzymes ▪ Minerals ▪ Metabolism of carbohydrates 	<ul style="list-style-type: none"> ▪ Myocardial infarction ▪ Heart failure 	<ul style="list-style-type: none"> ▪ 9 Hours per dept (6 hours for basic science correlation and 3 hours for clinical skills) 	<ul style="list-style-type: none"> ▪ Module 1.5 ▪ Module 1.2 <p>(Module 1.1 is already done in foundation course)</p>
2	<ul style="list-style-type: none"> ▪ Abdomen ▪ Pelvis, including Perineum ▪ Genetics 	<ul style="list-style-type: none"> ▪ CVS ▪ RS ▪ GIT ▪ Renal ▪ Endocrine 	<ul style="list-style-type: none"> ▪ Lipid chemistry ▪ Lipid metabolism ▪ Acid-Base balance ▪ Water and Electrolyte balance ▪ Vitamins ▪ Renal functions, tests and abnormalities ▪ Haem metabolism ▪ Liver functions, Tests and abnormalities ▪ Genetics 	<ul style="list-style-type: none"> ▪ Jaundice ▪ Renal failure ▪ Diabetes mellitus 	<ul style="list-style-type: none"> ▪ 9 Hours per dept (6 hours for basic science correlation and 3 hours for clinical skills) 	<ul style="list-style-type: none"> ▪ Module 1.3

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3	<ul style="list-style-type: none"> ▪ Head and Neck ▪ Neuroanatomy 	<ul style="list-style-type: none"> ▪ Endocrine ▪ Reproductive ▪ CNS ▪ Special senses ▪ Integrated physiology 	<ul style="list-style-type: none"> ▪ Hormone action ▪ Thyroid and Adrenal glands- Function, test and abnormalities ▪ Chemistry of proteins ▪ Metabolism of amino acids ▪ Integration of metabolism ▪ Xenobiotics in disease ▪ Nutrition ▪ Immunity ▪ Metabolism of cancer ▪ Vaccine development ▪ Automation and quality control ▪ Biomedical waste management 	<ul style="list-style-type: none"> ▪ Goiter ▪ Stroke ▪ Parkinson's disease 	<ul style="list-style-type: none"> ▪ 12 Hours per dept (6 hours for basic science correlation and 6 hours for clinical skills) 	<ul style="list-style-type: none"> ▪ Module 1.4
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