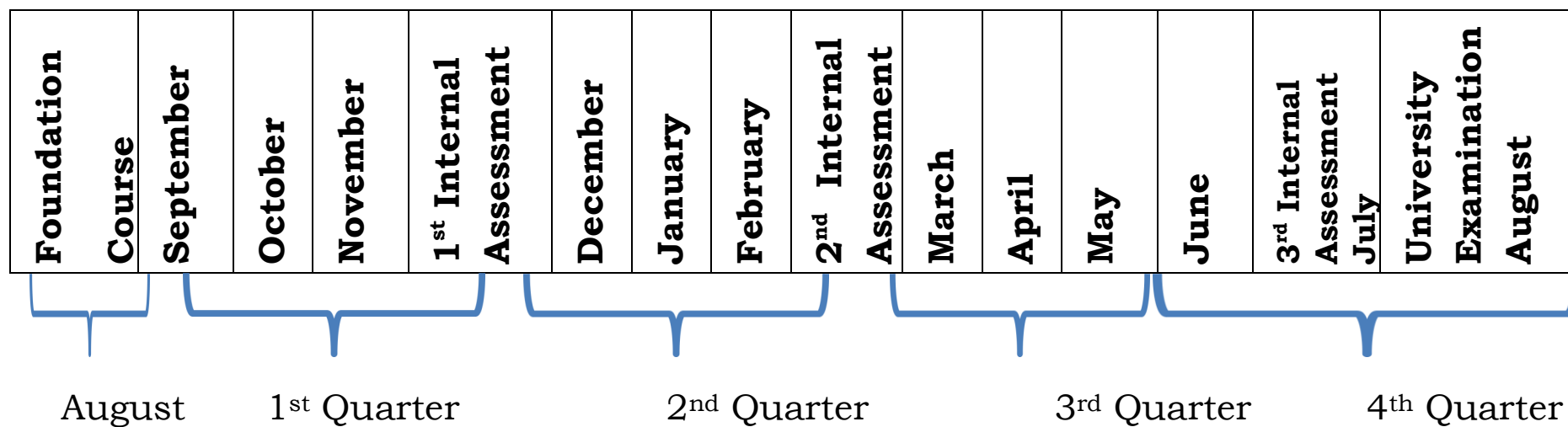




Rajiv Gandhi University of Health Sciences, Karnataka

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BROAD PLAN – QUARTER MODEL





Model Time Table for First MBBS 2019-20

Quarter	Anatomy	Physiology	Biochemistry	Possible linker sessions	Early clinical exposure	AETCOM
1st quarter	<ul style="list-style-type: none">• General anatomy• General histology• General embryology• Upper limb• Thorax	<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 acid• 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 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 hours)
2nd quarter	<ul style="list-style-type: none">• Abdomen• Pelvis• Lower limb• 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 function, tests and abnormalities• Haem metabolism• Liver function, tests and abnormalities• Genetics	<ul style="list-style-type: none">• Jaundice• Renal failure	<ul style="list-style-type: none">• 9 hours per department (6 hours for basic science correlation and 3 hours for clinical skills)	<ul style="list-style-type: none">• Module 1.3 (7hours)

3rd quarter Please note: Some of these topics may extend into the first part of the 4th quarter	<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"> • <i>Hormone action</i> • <i>Function, tests and abnormalities of thyroid and adrenal glands</i> • <i>Diabetes mellitus</i> • <i>Free radicals and antioxidants</i> • <i>Chemistry of proteins</i> • <i>Metabolism of amino acids</i> • 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"> • Goitre • Stroke • Parkinson's disease Diabetes mellitus	<ul style="list-style-type: none"> • 12 hours per department (6 hours for basic science correlation and 6 hours for clinical skills) 	<ul style="list-style-type: none"> • Module 1.4 (7 hours)
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- Topics for Linker sessions to be decided by individual Institutions.
- Modifications for alignment of Topics of the 03 Departments may be done by individual Institutions.