

RAJARAJESWARI MEDICAL COLLEGE-CBME TIMETABLE FOR 2019-2020

Quarter	Anatomy	Physiology	Biochemistry	Possible linker sessions	Early clinical exposure	AETCOM
1st quarter September to November	<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 	<ol style="list-style-type: none"> 1. Cell structure 2. Membrane transport 3. Chemistry of carbohydrates 4. <i>Chemistry of proteins and Extracellular matrix and</i> <ul style="list-style-type: none"> a. Vitamin C 5. Enzymes 6. Vitamins(B₆,B₉,B₁₂)and <ul style="list-style-type: none"> a. Minerals (iron) 7. Haemoglobin Chemistry 8. Minerals 9. Metabolism of carbohydrates 10. Biological Oxidation 	<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 December to February	<ul style="list-style-type: none"> • Abdomen • Pelvis • Lower limb • Genetics 	<ul style="list-style-type: none"> • CVS • RS • GIT • Renal • Endocrine 	<ol style="list-style-type: none"> 11. <i>Metabolism of amino acids</i> 12. Lipid chemistry 13. Lipid metabolism 14. Integration of metabolism 15. Acid base balance 16. Water and electrolyte balance 17. Vitamins 18. <i>Free radicals and antioxidants</i> 19. Renal function, tests and abnormalities 20. Haem metabolism 21. Liver function, tests and abnormalities 	<ul style="list-style-type: none"> • Jaundice • Renal failure • Bronchial Asthma 	<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 March to May 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 	<ol style="list-style-type: none"> 22. <i>Hormone action</i> 23. <i>Function, tests and abnormalities of thyroid and adrenal glands</i> 24. <i>Diabetes mellitus</i> 25. Chemistry of Nucleic acid 26. Genetics 27. Xenobiotics in disease 28. Nutrition 29. Immunity 30. Metabolism of cancer 31. Vaccine development 32. Automation and quality control 33. Biomedical waste management 	<ul style="list-style-type: none"> • Goitre • Stroke • Parkinson's disease <p>Diabetes mellitus</p>	<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)