






Sri Ramachandra Medical College & Research Institute
MBBS – Professional Year I (Batch: 2024-2025)
Month 2 - Schedule

Time	DAY 1 02.12.2024 MONDAY	DAY 2 03.12.2024 TUESDAY	DAY 3 04.12.2024 WEDNESDAY	DAY 4 05.12.2024 THURSDAY	DAY 5 06.12.2024 FRIDAY	DAY 6 07.12.2024 SATURDAY
8-9 AM	S1 (L) BC 2.3 Enzyme inhibition & Enzyme regulation	S5(L) PY 3.6, 3.7 Muscle Fiber – Types, Structure, Properties, AP	S9 (L) AN 67.1, 67.2, 67.3 Histology Lecture: Muscle tissue	S14(L) AN 10.3, 10.5, 10.6 Brachial plexus	S18(L) AN 77.4, 77.5, 77.6 Embryology II Development- 1st week	S23(L) PY 3.9, 3.10 Types & grades of muscle contraction, muscle metabolism, Energy Sources, Myopathies
9-11 AM	S108B(P) AN 65.1,66.1 Introduction to Microscope Histology: epithelium & Connective tissues	S6 FAP 7 FAP (Visit -2 Batch A3, A4) Dept. of Community Medicine ECE Hospital visit – (Batch B1,A5, B3, B2,B5,B4) YOGA-(A1,A2)	S10A (P) BC 14.13 Estimation of serum Bilirubin (Revision)	S10B(P) AN 67.1, 68.1, 72.1 Histology of Muscle tissue & Nervous tissue, Skin & appendages	S19A(P) PY 3.11 Ergography	S24 FAP 8 FAP (Visit -2 Batch A5, B1) Dept. of Community Medicine ECE Hospital visit – (Batch B3 ,B2,B5,B4, A2, A1) YOGA-(A3,A4)
11 AM – 12 noon	S2(L) AN 10.1,10.2,10.4,10.7 Axilla		S11(L) PY 3.4, 3.5 NMJ & Transmission, Drugs acting at NMJ & Myasthenia Gravis	S15(L) PY 3.7 Excitation contraction coupling	S20(L) PY 3.7 Molecular basis of skeletal muscle contraction	
1 – 2 PM	S3(L) PY 3.3 Nerve Injury & Regeneration	S7 (L) CM 8.1 Communicable diseases- Burden, common terms , disease dynamics	S12 (L) BC 2.4 Enzymes of clinical importance	S16 Mentor mentee meeting 	S21(L) PY 3.8 Smooth muscle	S25 (SG) ECE Case Resolution Myasthenia Gravis All Faculty 
2-4 PM	S4A(L) (2-3) AN 9.2 Pectoral Region – II –Mammary gland	S8A(L) (2-3) AN 10.1,10.2,10.3 Dissection: Axilla I	S13(P) AN 10.1,10.2 Dissection: Axilla II AN 8.1,8.2 Osteology: Humerus	S17A(P) (2-3) full batch (AiTo – Anemia) AiTo closure – Case resolution 	S22 (P) AN 10.3 Dissection: Brachial plexus	DocTutorials Orientation
	S4B (P) (3-4) AN 9.1, AN 8.1,8.2 Dissection: Pectoral region-II Osteology: Scapula	S8B(P) (3-4) AN 76.1,76.2,77.1,77.2,77.3 Embryology I Introduction to embryology, Gametogenesis		S17B(P) (3-4) FULL BATCH PY 3.12 Amphibian nerve – muscle experiments		

VENUE – LECTURE HALL 4, II FLOOR, 2B - MEDICAL COLLEGE BUILDING



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Time	DAY 7 09.12.2024 MONDAY	DAY 8 10.12.2024 TUESDAY	DAY 9 11.12.2024 WEDNESDAY	DAY 10 12.12.2024 THURSDAY	DAY 11 13.12.2024 FRIDAY	14.12.2024 SATURDAY
8-9 AM	S26(L) AN 10.8, 10.9, 10.10, 10.11, 10.13 Gross Anatomy: Deltoid region & Scapular region	S30 (P) Charts- GP, Blood, N-M	S34 (SG) Anatomy Revision	S37(L) Physiology revision	S40 Biochemistry revision	HOLIDAY
9-11 AM	S19B (P) BC 14.16 Demonstration of estimation of AST, ALT & ALP	S31 FAP 9 FAP (Visit -2 Batch B2, B3) Dept. of Community Medicine ECE Hospital visit – (Batch B5,B4, A2, A1,A4, A3) YOGA-(A5,B1)	S35 Anatomy Theory IA - 1	S38 Physiology Theory IA - 1	S41 Biochemistry Theory IA - 1	
11 AM – 12 noon	S27 (L) Biochemistry Revision – Enzymology (SDL)					
1 – 2 PM	S28(L) Theory Revision – N-M	S32(L) Charts – Enzymology	S36 Anatomy Revision	S39 Physiology revision	S42 Biochemistry revision	
2-4 PM	S29(P) AN10.8,10.9,10.10, 10.11 - Dissection Deltoid, Scapular region	S33(SG) FULL BATCH Tutorials –Blood, N-M				

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Time	DAY 12 16.12.2024 MONDAY	DAY 13 17.12.2024 TUESDAY	DAY 14 18.12.2024 WEDNESDAY	DAY 15 19.12.2024 THURSDAY	DAY 16 20.12.2024 FRIDAY	DAY 17 21.12.2024 SATURDAY
8-9 AM	S43 (L) AN 71.1,71.2 Histology Lecture: Basic tissues- Bone & cartilage	S48(L) AN 11.1, 11.2, 11.4 Gross Anatomy: Arm	S52 (L) Case introduction (AiTo IHD) PY 5.1, 5.12 Heart – Functional Anatomy Coronary Circulation	S56(L) (AiTo IHD) PY 5.2, 5.3 Cardiac Muscle – Properties; Conducting System Pacemaker Potential	S61 (L) (AiTo Diabetes Mellitus) BC 3.3 Pyruvate dehydrogenase complex and Citric acid cycle	S65(L) AN 79.1, 79.2 Embryology- IV Development- 3 rd week
9-11 AM	S44A (P) PY 5.16 Examination of CVS	S49 FAP 10 FAP (Visit -2 Batch B4, B5) Dept. of Community Medicine ECE Hospital visit – (Batch A2, A1,A4,A3, B1,A5) YOGA-(B2,B3)	S44B(P) AN 71.1, 71.2 Histology: Bone & cartilage	S57A (P) (AiTo IHD) PY 5.16 Examination of CVS Revision	S57B (P) BC 14.13 PRACTICAL CIA Estimation of serum Bilirubin	S66 FAP 6 FAP (Visit -2 Batch A1, A2) Dept. of Community Medicine ECE Hospital visit – (Batch A3,A4,A5,B1,B2 ,B3) YOGA- (B4,B5)
11 AM – 12 noon	S45(L) AN 10.12, 13.4 Shoulder joint & gridle joints		S53(L) AN 78.1, 78.2, 78.3, 78.4, 78.5 Embryology –III Development- 2nd week	S58(L) Case introduction (AiTo Diabetes Mellitus) BC 3.2,3.3 Digestion and absorption of carbohydrates & Glycolysis	S62(L) AN 12.1, 12.2 Front of forearm, Vessels & nerves of forearm	
1 – 2 PM	S46 (L) PY 10.2 Autonomic Nervous System	S50 (L) AETCOM MODULE 1.1 Identify, discuss Physician's role and responsibility to society and the community that he serves	S54(L) BC 8.1 Vitamin –Thiamine, Niacin, Riboflavin	S59(L) AN11.3, 11.5, 11.6, 13.3 Cubital fossa Elbow joint & anastomosis	S63(L) (AiTo IHD) PY 5.5, 5.6 ECG & Clinical Applications	S67(L) (AiTo IHD) PY5.9 Heart Rate
2-4 PM	S47(P) AN 10.12 Dissection: Shoulder joint AN 8.1,8.2 Osteology – Radius	S51(P) AN 11.1,11.2 Dissection: Front of Arm	S55(P) AN 11.1, 11.2 Dissection: Back of Arm AN 8.1,8.2 Osteology – Ulna	S60 (P) (8-10 AM) AN 11.5, 13.3 Dissection: Cubital fossa & Elbow joint	S64(P) AN 12.1, 12.2 Dissection: Front of forearm	S68 (SG) AETCOM MODULE 1.1 Identify, discuss Physician's role and responsibility to society and the community that he serves

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Time	DAY 18 23.12.2024 MONDAY	DAY 19 24.12.2024 TUESDAY	25.12.2024 WEDNESDAY	DAY 20 26.12.2024 THURSDAY	DAY 21 27.12.2024 FRIDAY	28.12.2024 SATURDAY
8-9 AM	S69(L) (AiTo Diabetes Mellitus) BC 3.3 Gluconeogenesis, HMP pathway and Uronic acid pathway	S74(L) AN 12.3, 12.4, 12.5, 12.6, 12.7, 12.8 Palm I	CHRISTMAS HOLIDAY	S78(L) (AiTo IHD) PY 5.4 Cardiac Cycle 1 – Volume & Pressure Changes	S82 (L) AN 10.3, 12.8 Ulnar Nerve	HOLIDAY
9-11 AM	S70A(P) (AiTo IHD) PY5.15 Recording of ECG	S75 FAP 11 FAP (Visit -3 Batch A1,A2) Dept. of Community Medicine Community Medicine tutorials (Other Batches)		S70B(P) AN 65.1 Histology Practicals: Skill Assessment – Epithelial tissue	S83(P) FULL BATCH (AiTo IHD) PY 3.12 Amphibian cardiac experiments	
11 AM – 12 noon	S71(L) AN 79.3, 79.4 Embryology- V Development- 4-8 th week-I			S79(L) AN 12.9, 12.10 Palm II	S84(L) AN 13.3 Wrist joints & Other joints of Upper limb	
1 – 2 PM	S72(L) AN 12.12, 12.13, 12.14, 2.15 Back of forearm, Extensor Expansion	S76(L) AN 79.5, 79.6 Embryology- VI Development- 4-8 th week II		S80(L) (AiTo Diabetes Mellitus) BC 3.3 Glycogen Metabolism and disorders	S85 (L) (AiTo IHD) PY 5.4 Cardiac Cycle 2 – JVP, Heart Sounds	
2-4 PM	S73(L) AN 12.12, 12.14, 2.15 Anatomy Dissection – Back of forearm and dorsum of hand	S77 ((P) AN 12.5, 12.6, 12.7, Dissection Palm –I AN 8.1, 8.4 Osteology – Carpal bones		S81(P) AN12.9 Dissection Palm –II AN 8.3 Osteology – Articulated hand	S86 (P) AN13.3 Dissection: Wrist joint and joints of hand	

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Time	DAY 22 30.12.2024 MONDAY	DAY 23 31.12.2024 TUESDAY	01.01.2025 WEDNESDAY	02.01.2025 THURSDAY	03.01.2025 FRIDAY	04.01.2025 SATURDAY
8-9 AM	S87(L) (AiTo Diabetes Mellitus) BC 3.4 Fructose Metabolism, Galactose Metabolism and Mucopolysaccharidoses	S92 (L) AN 10.3, 12.4, 2.8 Median Nerve	HOLIDAY		MONTH 3	
9-11 AM	S88 A(P) PY 5.14 Recording of BP	S93 FAP 12 FAP (Visit -3 Batch A3,A4) Dept. of Community Medicine Community Medicine tutorials (Other Batches)				
11 AM – 12 noon	S89(L) AN 10.3, 11.4, 12.13 Radial Nerve					
1 – 2 PM	S90 (L) BC 13.4 Alcohol metabolism and chronic alcoholism	S94(L) (AiTo IHD) PY 5.7 Hemodynamics				
2-4 PM	S91 (P) Anatomy Theory CIA	S95 (P) AN 13.5, 3.6, 13.7 Dissection Radiology and Surface Anatomy of Upper limb				

Anatomy	Physiology	Biochemistry	Community Medicine	Theory CIA	Practical CIA	L – Lecture, P – Practical, LG – Large Group, SG – Small Group, IL – Integrated Learning, CIA – Continuous Internal Assessment, FAP – Family Adoption Program, ECE – Early Clinical Exposure, PCT – Part completion test, AETCOM – Attitude, Ethics & Communication, AiTo – Aligned and integrated topics, SDL – self-directed learning
ECE- Case resolution	FAP – Family Adoption Program	AiTo AETCOM	Integrated Learning	Mentor mentee meeting	A/P/B SDL	

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