

**Number of Lectures (LGT) Taken and Topics Covered During
Academic Year 2025–26**

Dr. P. Satyanarayana Raju

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S.No	Date	Lecture	Topic (1 Hour Didactic Lecture)
1	25-10-2025	Lecture (LGT)	Platelets (PY2.8)
2	27-10-2025	Lecture (LGT)	Hemostasis & Coagulation (PY2.9)
3	28-10-2025	Lecture (LGT)	Hemostasis & Coagulation (PY2.9)
4	29-11-2025	Lecture (LGT)	ECG (PY5.5)
5	01-12-2025	Lecture (LGT)	ECG – Applied Aspects (PY5.5)
6	17-12-2025	Lecture (LGT)	Blood Pressure (PY5.11)
7	20-12-2025	Lecture (LGT)	Blood Pressure Regulation (PY5.11)
8	20-12-2025	Lecture (LGT)	Blood Pressure Applied (PY5.11)
9	27-12-2025	Lecture (LGT)	Coronary Circulation Part 1 (PY5.12)
10	27-12-2025	Lecture (LGT)	Coronary Circulation Part 2 (PY5.12)
11	19-01-2026	Lecture (LGT)	Heart Failure (PY5.13)
12	21-02-2026	Lecture (LGT)	Cerebellum Part 1 (PY10.11)
13	24-02-2026	Lecture (LGT)	Cerebellum Part 2 (PY10.11)
14	28-02-2026	Lecture (LGT)	Basal Ganglia Part 1 (PY10.12)
15	03-03-2026	Lecture (LGT)	Basal Ganglia Part 2 (PY10.12)
16	08-03-2026	Clinic / Early Clinical Exposure	Parkinsonism (Neurophysiology) (PY10.12)

**Number of Small Group Teachings (SGT) - Taken and Topics Covered During
Academic Year 2025–26**

Dr. P. Satyanarayana Raju, Associate Professor, Department of Physiology, Andhra Medical College

S.No	Date	SGT	Topic (2 Hours Topic each session)
1	07/11/2025	SGT	Aneamia, Polycythemia & Jaundice
2	13/11/2025	SGT	Applied NMJ- Blockers & Diseases
3	14/11/2025	SGT	Nerve Injury , Degeneration, Regeneration
4	15/11/2025	SGT	Membrane Potentials
5	20/11/2025	SGT	Skeletal Vs Smooth Muscle
6	27/11/2025	SGT	Isometric Vs Isotonic Contractions, Myopathies
7	04/12/2025	SGT	Factors affecting Compliance – Surface Tension, Surfactant , V/Q Ratio
8	05/12/2025	SGD	Transport of CO ₂
9	11/12/2025	SGD	Dyspnoe, Hypoxia, Cyanosis & O ₂ Therapy
10	12/12/2025	SGT	Hemodynamics
11	18/12/2025	SGT	Lung Function Tests – Spirometry
12	19/12/2025	SGT	Heart Rate Regulation
13	22/1/2026	SGT	Circulations – Pulmonary, Capillary , Cutaneous
14	29/1/2026	SGT	Receptors
15	6/2/2026	SGT	Regulation of Fluids & Electrolytes
16	12/2/2026	SGT	Cystometrogram, Micturition Reflex, Bladder Abnormalities
17	19/2/2026	SGT	Spinal Cord Lesions
18	20/2/2026	SGT	Thalamus/ Hypothalamus
19	26/2/2026	SGT	Cerebellum – Applied Aspects
20	5/3/2026	SGT	Limbic System
21	12/3/2026	SGT	EEG, Sleep
22	13/3/2026	SGD	Memory, Learning, Language & Speech
23	09/4/2026	SGD	RAS, Emotions
24	07/052026	SGD	Liver & Gall Bladder