



# RAGHU COLLEGE OF PHARMACY

Dakamarri, Bheemunipatnam Mandal, Visakhapatnam – 521162.

(Affiliated to ANDHRA UNIVERSITY, VISAKHAPATNAM)

**COURSE PLAN-** One copy to be submitted to the HOD one week before commencement of the Semester

Subject Code	Name of the Subject	Class/ Semester	Name of the Faculty/ Designation	No. of Students	Total periods per Semester / Year	
					Lectures	Tutorials
BP 201T	HUMAN ANATOMY AND PHYSIOLOGY- II (Theory)	I/II	K. SIREESHA	55	48	11

Lecture No.	Topic	E.T. Gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
L1	Introduction & Organization of nervous system, neuron, neuroglia	CHALK & TALK	24-07-2023
L2	Classification and properties of Nerve Fiber	CHALK & TALK	25-07-2023
L3	Electrophysiology, Action potential, Nerve impulse	CHALK & TALK	27-07-2023
L4	Receptors, synapse, Neurotransmitters	CHALK & TALK	28-07-2023
L5	Introduction to Central nervous system	CHALK & TALK	31-07-2023
T1	<b>Tutorial</b>	<b>Handouts</b>	<b>01-08-2023</b>
L6	Meninges, ventricles of brain and Cerebrospinal fluid	CHALK & TALK	03-08-2023
L7	Structure of brain (cerebrum, brain stem, cerebellum)	CHALK & TALK	04-08-2023
L8	Functions of brain (cerebrum, brain stem, cerebellum)	CHALK & TALK	05-08-2023
L9	Structure of Spinal cord	CHALK & TALK	07-08-2023
T2	<b>Tutorial</b>	<b>Handouts</b>	<b>08-08-2023</b>
L10	Functions of afferent and efferent nerve tracts, reflex activity	CHALK & TALK	10-08-2023
L11	Digestive system :Anatomy of GI Tract with special reference to anatomy and functions of stomach	CHALK & TALK	11-08-2023
L12	Acid production in the stomach, regulation of acid production through parasympathetic nervous System	CHALK & TALK	14-08-2023
T3	<b>Tutorial</b>	<b>Handouts</b>	<b>17-08-2023</b>
L13	Pepsin role in protein digestion	CHALK & TALK	18-08-2023
L14	Anatomy and Functions of small intestine and large intestine	CHALK & TALK	19-08-2023
L15	Anatomy and functions of salivary glands, Pancreas and Liver.	CHALK & TALK	21-08-2023
L16	Movements of GIT, Digestion and Absorption of Nutrients	CHALK & TALK	22-08-2023
T4	<b>Tutorial</b>	<b>Handouts</b>	<b>24-08-2023</b>
L17	Disorders of GIT	CHALK & TALK	25-08-2023
L18	Introduction to Energetics, Formation and role of ATP	CHALK & TALK	26-08-2023
L19	Creatinine Phosphate and BMR	CHALK & TALK	28-08-2023
T5	<b>Tutorial</b>	<b>Handouts</b>	<b>29-08-2023</b>

L20	Respiratory system : Anatomy of respiratory system with special reference to anatomy of lungs	CHALK & TALK	31-08-2023
L21	Mechanism of respiration, Regulation of respiration	CHALK & TALK	01-09-2023
L22	Lung Volumes and capacities transport of Respiratory Gases	CHALK & TALK	02-09-2023
L23	Artificial respiration, and Resuscitation methods	CHALK & TALK	04-09-2023
T6	<b>Tutorial</b>	<b>Handouts</b>	<b>05-09-2023</b>
L24	Urinary system : Anatomy of urinary tract with special reference to anatomy of kidney and Nephrons	CHALK & TALK	07-09-2023
L25	Functions of kidney and urinary tract,	CHALK & TALK	08-09-2023
L26	Physiology of urine formation	CHALK & TALK	11-09-2023
T7	<b>Tutorial</b>	<b>Handouts</b>	<b>12-09-2023</b>
L27	Micturition reflex and role of kidneys in acid base balance	CHALK & TALK	14-09-2023
L28	Disorders of kidney	CHALK & TALK	15-09-2023
L29	Introduction to Endocrine system	CHALK & TALK	16-09-2023
T8	<b>Tutorial</b>	<b>Handouts</b>	<b>18-09-2023</b>
	<b>SESSIONAL 1</b>		<b>20-09-2023</b>
L30	Classification of Hormones, Mechanism of hormone action	CHALK & TALK	28-09-2023
L31	Structure and functions of Pituitary gland	CHALK & TALK	29-09-2023
L32	Structure and functions of Thyroid gland	CHALK & TALK	30-09-2023
T9	<b>Tutorial</b>	<b>Handouts</b>	<b>03-10-2023</b>
L33	Structure and functions of Parathyroid gland	CHALK & TALK	05-10-2023
L34	Structure and functions of Adrenal Gland	CHALK & TALK	06-10-2023
L35	Structure and functions of Pancreas	CHALK & TALK	07-10-2023
L36	Structure and functions of Pineal Gland	CHALK & TALK	09-10-2023
L37	Structure and functions of Thymus gland	CHALK & TALK	10-10-2023
T10	<b>Tutorial</b>	<b>Handouts</b>	<b>12-10-2023</b>
L38	Disorders of Endocrine Glands	CHALK & TALK	13-10-2023
L39	Reproductive System : Anatomy of Male reproductive system	CHALK & TALK	16-10-2023
L40	Anatomy of Female reproductive system	CHALK & TALK	17-10-2023
L41	Functions of male and female reproductive system	CHALK & TALK	19-10-2023
L42	Sex hormones	CHALK & TALK	26-10-2023
L43	Physiology of Menstruation and fertilization	CHALK & TALK	27-10-2023
L44	Spermatogenesis and oogenesis	CHALK & TALK	28-10-2023
L45	Pregnancy and Parturition	CHALK & TALK	30-10-2023
L46	Introduction to genetics	CHALK & TALK	31-11-2023
L47	Chromosomes, genes and DNA	CHALK & TALK	02-11-2023
L48	Protein synthesis, genetic pattern of Inheritance	CHALK & TALK	03-11-2023
T11	<b>Tutorial</b>	<b>Handouts</b>	<b>04-11-2023</b>
	<b>SESSIONAL 2</b>		<b>06-11-2023</b>

*K. Sreedhar*  
Signature of the Faculty Member  
Date:

*Jagadeesh Reddy*  
Signature of the Head  
Date: