



# 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
BP 101T	HUMAN ANATOMY AND PHYSIOLOGY-1	I/I Section-B	Dr. S.SHANISHA Assistant Professor	55	45

Lecture No.	Topic	E.T. Gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
L1	Unit I: Introduction to human body Definition and scope of anatomy and physiology	CHALK & TALK	04-12-23
L2	Levels of structural organization and body systems, basic life processes	CHALK & TALK	04-12-23
L3	Homeostasis, basic anatomical terminology.	CHALK & TALK	06-12-23
L4	Cellular level of organization: Structure and functions of cell, transport across cell membrane, cell division, cell junctions	CHALK & TALK	07-12-23
L5	General principles of cell communication, intracellular signaling pathway activation	CHALK & TALK	08-12-23
T1	<b>TUTORIAL</b>	<b>HANDOUTS</b>	11-12-23
L6	Intracellular signaling pathway activation by extracellular signal molecule, Forms of intracellular signaling: a) Contact-dependent b) Paracrine c	CHALK & TALK	11-12-23
L7	Forms of intracellular signaling: c) Synaptic d) Endocrine	CHALK & TALK	12-12-23
L8	Tissue level of organization: Classification of tissues, structure	CHALK & TALK	13-12-23
L9	Location and functions of epithelial, muscular tissues	CHALK & TALK	16-12-23
L10	Location and functions of nervous and connective tissues.	CHALK & TALK	18-12-23
T2	<b>TUTORIAL</b>	<b>HANDOUTS</b>	18-12-23
L11	Unit II -Integumentary system: Structure and functions of skin	CHALK & TALK	19-12-23
L12	Functions of skin	CHALK & TALK	20-12-23
L13	Skeletal system: Divisions of skeletal system	CHALK & TALK	23-12-23
L14	Types of bone, salient features and functions of Axial bones	CHALK & TALK	26-12-23
T3	<b>TUTORIAL</b>	<b>HANDOUTS</b>	27-12-23
L15	Salient features and functions of Appendicular bones	CHALK & TALK	30-12-23

L16	Organization of skeletal muscle, neuromuscular junction	CHALK & TALK	02-01-24
L17	Physiology of muscle contraction	CHALK & TALK	03-01-24
L18	Joints: Structural and functional classification	CHALK & TALK	06-01-24
L19	Types of joints movements and its articulations	CHALK & TALK	07-01-24
L20	Types of joints movements and its articulations	CHALK & TALK	08-01-24
T4	<b>TUTORIAL</b>	<b>HANDOUTS</b>	08-01-24
T4	<b>TUTORIAL</b>	<b>HANDOUTS</b>	09-01-24
	<b>CLASS TEST-1</b>		10-01-24
L21	Unit III- Body fluids and blood: Body fluids	CHALK & TALK	20-01-24
L22	Composition and functions of blood	CHALK & TALK	22-01-24
L23	Hemopoiesis, formation of hemoglobin	CHALK & TALK	23-01-24
L24	Anemia, Mechanisms of coagulation	CHALK & TALK	23-01-24
L25	Blood grouping, Rh factors, transfusion, its significance	CHALK & TALK	24-01-24
L26	Disorders of blood, Reticulo-endothelial system.	CHALK & TALK	27-01-24
T6	<b>TUTORIAL</b>	<b>HANDOUTS</b>	29-01-24
L27	Lymphatic system: Lymphatic organs and tissues	CHALK & TALK	29-01-24
T7	<b>TUTORIAL</b>	<b>HANDOUTS</b>	30-01-24
T8	<b>TUTORIAL</b>	<b>HANDOUTS</b>	31-01-24
T9	<b>TUTORIAL</b>	<b>HANDOUTS</b>	03-02-24
	<b>1<sup>st</sup> SESSIONAL EXAMINATIONS</b>		
L28	Lymphatic vessels, lymph circulation and functions of lymphatic system	CHALK & TALK	13-02-24
L29	Functions of lymphatic system	CHALK & TALK	14-02-24
L30	Unit IV: Peripheral nervous system: Classification of peripheral nervous system	CHALK & TALK	
L31	Structure and functions of sympathetic system	CHALK & TALK	17-02-24
L32	Structure and functions of sympathetic system and parasympathetic nervous system	CHALK & TALK	19-02-24
L33	Parasympathetic nervous system	CHALK & TALK	19-02-24
L34	Origin and functions of spinal and cranial nerves	CHALK & TALK	20-02-24
T10	<b>TUTORIAL</b>	<b>HANDOUTS</b>	21-02-24
L35	Special senses : Structure and functions of eye	CHALK & TALK	24-02-24
L36	Structure and functions of ear and nose	CHALK & TALK	26-02-24
L37	Structure and functions of tongue	CHALK & TALK	26-02-24
L38	Disorders of eye, ear, nose and tongue	CHALK & TALK	27-02-24

T11	<b>TUTORIAL</b>	<b>HANDOUTS</b>	28-02-24
	<b>CLASS TEST-2</b>		02-03-24
L39	Cardiovascular system: Heart – anatomy of heart, blood circulation	CHALK & TALK	03-03-24
L40	Blood vessels, structure and functions of artery, vein and capillaries	CHALK & TALK	04-03-24
L41	Elements of conduction system of heart and heart beat	CHALK & TALK	04-03-24
L42	Regulation by autonomic nervous system, cardiac output	CHALK & TALK	05-03-24
L43	Cardiac cycle. Regulation of blood pressure, pulse	CHALK & TALK	06-03-24
L44	electrocardiogram and disorders of heart	CHALK & TALK	11-03-24
L45	Disorders of heart	CHALK & TALK	11-03-24
	<b>CLASS TEST-3</b>		12-03-24
T12	<b>TUTORIAL</b>	<b>HANDOUTS</b>	13-03-24
T13	<b>TUTORIAL</b>	<b>HANDOUTS</b>	16-03-24
T14	<b>TUTORIAL</b>	<b>HANDOUTS</b>	18-03-24
T15	<b>TUTORIAL</b>	<b>HANDOUTS</b>	18-03-24
T16	<b>TUTORIAL</b>	<b>HANDOUTS</b>	19-03-24
T17	<b>TUTORIAL</b>	<b>HANDOUTS</b>	20-03-24
T18	<b>TUTORIAL</b>	<b>HANDOUTS</b>	23-03-24
	<b>2<sup>nd</sup> SESSIONAL EXAMINATIONS</b>		

*S. Haniche*

Signature of the Faculty Member

Date: 27.02.24

*Y. G. R.*

Signature of the Principal

Date: