JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : D.Pharm	**Session : 2022-2024**	**Year : First**	
Course: Human Anatomy & Physiology (Theory)			
Name of the Faculty: Prof. Nibir Ghosh	**Commencement Date: 19/09/2022**		

Lecture No.	Week	Unit	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Related Course Outcome	Signature of Faculty	Signature of HoD	Remarks (if any)
				ICT Tool/Platform/ LMS	Resources	Activity							
1	1	I	Introduction about Human Anatomy and Physiology										
2			Scope of Anatomy and physiology.										
3			Definition of various terms used in Anatomy. Structure of cell.										
4	2	I	Function of its components Discussion of various organelles (including Mitochondria)										
5			Introduction of Elementary tissues of the body.										
6			Detailed study of epithelial tissue.										
7	3	I	Detailed study of Connective tissue										
8			Connective tissue										

9			Connective tissue										
10	4	I	Detailed study of muscular tissue.										
11			Detailed study of Nervous tissue.										
12			Introduction of Skeletal System: Structure of Human Skeleton.										
13	5	I	Function of Skeleton system.										
14			Classification of joints and their function.										
15			Joint disorders.										
16	6	I	Revision and discussion										
17		II	Cardiovascular System: Composition of blood, functions of blood elements.										
18			Blood group and coagulation of blood.										
19	7	II	Brief information regarding disorders of blood.										
20			Name and functions of lymph glands.										
21			Structure and functions of various parts of the heart .										

22	8	II	Arterial and venous system with special reference to the names and positions of main arteries and veins.										
23			Blood pressure and its recording. Brief information about cardiovascular disorders										
24			Revision and discussion										
25	9	II	Respiratory system:Various parts of respiratory system, their functions.										
26			Physiology of respiration.										
27		II	Urinary System: Various parts of urinary system and their functions,										
28	10		structure and functions of kidney.										
29			Physiology of urine formation.										
30			Patho-physiology of renal diseases and edema.										
31	11	III	Introduction of Muscular System										
32			Structure of skeletal muscle.										
33			Physiology of muscle contraction.										

34	12	**III**	Names, positions, attachments of various skeletal muscles.										
35			Functions of various skeletal muscles.										
36			Physiology of neuromuscular junction.										
37	13	**III**	Revision and discussion										
38			Introduction of Central Nervous System.										
39			Various parts of central nervous system.										
40	14	**III**	Brain and its parts.										
41			Functions of brain and reflex action.										
42			Anatomy of automatic nervous system.										
43	15	**III**	Physiology of automatic nervous system.										
44			Revision and discussion										
45			Sensory Organs: Elementary knowledge of structure of various sensory organs.										
46	16	**III**	Functions of the organs of taste and smell.										
47			Functions of the organs of ear and eye.										

48			Functions of the skin.										
49	17	**IV**	Physiology of pain.										
50			Revision and discussion										
51			Introduction of Digestive System.										
52	18	**IV**	names of various parts of digestive system										
53			Functions of the various parts of digestive system.										
54			Structure and functions of liver.										
55	19	**IV**	Physiology of digestion and absorption.										
56			Revision and discussion										
57		**V**	Brief Discussion on Endocrine System.										
58	20	**V**	Endocrine glands and Hormones.										
59			Location of glands.										
60			Hormones and their functions.										
61			Detailed study of Pituitary.										

62	21	III	Detailed study of Thyroid gland.										
63			Detailed study of Adrenal gland and Pancreas.										
64	22	V	Revision and discussion										
65			Brief discussion about Reproductive system.										
66			Physiology of Male Reproductive system.										
67	23	V	Anatomy of Male Reproductive system.										
68			Revision and discussion										
69			Physiology of Female Reproductive system.										
70	24	V	Anatomy of Female Reproductive system.										
71			Revision and discussion										
72			Revision and discussion										
73	25	V	Revision and discussion										
74			Revision and discussion										