



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 104T	PHARMACEUTICAL INORGANIC CHEMISTRY	I/I Section-B	Y. Pooja Assistant Professor	55	33

Lecture No.	Topic	E.T. Gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
L1	Acids, Bases and Buffers: Introduction	CHALK & TALK	13-12-2023
L2	Buffer equations and buffer capacity in general, buffers in pharmaceutical systems,	CHALK & TALK	15-12-2023
L3	Physiological buffers in body	CHALK & TALK	20-12-2023
T1	Tutorial	Handouts	22-12-2023
L4	preparation, stability,	CHALK & TALK	27-12-2023
L5	buffered isotonic solutions	CHALK & TALK	29-12-2023
L6	measurements of tonicity, calculations	CHALK & TALK	03-01-2024
T2	Tutorial	Handouts	05-01-2024
L7	methods of adjusting isotonicity.	CHALK & TALK	10-01-2024
L8	Major extra and intracellular electrolytes: Functions of major physiological ions	CHALK & TALK	12-01-2024
L9	Electrolytes used in the replacement therapy:	CHALK & TALK	19-01-2024
L10	Sodium chloride, Potassium chloride,		24-01-2024
T3	Tutorial	Handouts	26-01-2024
L11	Calcium gluconate, Oral Rehydration Salt (ORS),	CHALK & TALK	02-02-2024
L12	Physiological acid base balance		
L13	Dental products: Dentifrices, role of fluoride in the treatment of dental caries	CHALK & TALK	07-02-2024
L14	Sodium fluoride and Zinc eugenol cement.	CHALK & TALK	09-02-2024
T4	Tutorial	Handouts	-02-2024
L15	Miscellaneous compounds :Introduction	CHALK & TALK	14-02-2024
L16	Expectorants: Potassium iodide,	CHALK & TALK	16-02-2024

L17	Ammonium chloride*	CHALK & TALK	16-02-2024
T5	Tutorial	Handouts	22-02-2024
L18	Emetics: Copper sulphate*	CHALK & TALK	22-02-2024
L19	Sodium potassium tartarate	CHALK & TALK	22-02-2024
T6	Tutorial	Handouts	23-02-2024
L20	REVISION	Handouts	23-02-2024
L1	1 st SESSIONAL EXAMINATIONS		28-03-2024
L22	Haematinics: Ferrous sulphate*	CHALK & TALK	28-02-2024
L23	Ferrous gluconate	CHALK & TALK	01-03-2024
L24	Poison and Antidote: Sodium thiosulphate	CHALK & TALK	01-03-2024
T7	Tutorial	Handouts	05-03-2024
L25	Activated charcoal, Sodium nitrite333	CHALK & TALK	05-03-2024
L26	Astringents: Zinc Sulphate, Potash Alum	CHALK & TALK	09-03-2024
L27	Radiopharmaceuticals :Introduction		09-03-2024
T8	Tutorial	Handouts	12-03-2024
L28	radio isotopes and study of radio isotopes		13-03-2024
L29	Sodium iodide I13		13-03-2024
L31	Storage conditions	CHALK & TALK	15-03-2024
L32	precautions & pharmaceutical application of radioactive substances	CHALK & TALK	20-03-2024
L33	Radiopharmaceuticals: Introduction	CHALK & TALK	22-03-2024
T9	Tutorial	Handouts	27-03-2024
	REVISION		
	2 nd SESSIONAL EXAMINATIONS		

Y. Rojia

Signature of the Faculty Member
Date:



Signature of the Principal
Date:

