



RAGHU COLLEGE OF PHARMACY

(Approved by A.I.C.T.E. PCI New Delhi & Affiliated to Andhra University, Visakhapatnam)
Dakamarri, Bheemunipatnam(Mandalam), Visakhapatnam - 531 162.

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
BP103T	PHARMACEUTIC S-1	I/I SEC-A	D Neelima	55	36	17

Week No.	Lecture No.	Topic	gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
01	L1	Introduction	Chalk & Board	6/12/23
	L2	Definitions	Chalk & Board	7/12/23
02	L3	Pharmaceutical calculations: weights and measures	Chalk & Board	11/12/23
	T1	Tutorial	HAND OUTS	13/12/23
	L4	Imperial and metric system	Chalk & Board	14/12/23
03	L5	Calculation's involving percentage solutions	Chalk & Board	18/12/23
	T2	Tutorial	HAND OUTS	20/12/23
	L6	Percentage calculations	Chalk & Board	21/12/23
04	T3	Tutorial	HAND OUTS	27/12/23
	L7	Alligation method	Chalk & Board	28/12/23
05	L8	Alligation method	Chalk & Board	1/01/23
	T4	TUTORIAL	HAND OUTS	3/01/24
	L9	Alligation's	Chalk & Board	4/01/24
06	L10	Proof spirit	Chalk & Board	8/01/24
	T5	TUTORIAL	HAND OUTS	10/01/24
	L11	Isotonic solutions based on freezing point	Chalk & Board	11/01/24
07	L12	Isotonic solutions based on molecular weight	Chalk & Board	18/01/24
08	L13	Powders definition, classification, advantages and disadvantages	Chalk & Board	22/01/24
	T6	TUTORIAL	HAND OUTS	24/01/24
	L14	Simple and compound powders-official preparations, dusting powders	Chalk & Board	25/01/24
09	L15	Effervescent, efflorescent and hygroscopic powders, eutectic mixtures, geometric dilutions	Chalk & Board	29/01/24
	T7	TUTORIAL	HAND OUTS	31/01/24
	L16	advantages and disadvantages of liquid dosage forms, excipients used in formulation of liquid dosage forms	Chalk & Board	1/02/24

10	L17	Solubility enhancement techniques	Chalk &Board	5/02/24
	T8	TUTORIAL	HAND OUTS	7/02/24
11	L18	Suppositories: definition, types,	Chalk &Board	8/02/24
	L19	Advantages and disadvantages, types of bases, methods of preparation	Chalk &Board	12/02/24
12	T9	TUTORIAL	HAND OUTS	21/02/24
	L20	Displacement value and it's calculation evaluation of suppositories	Chalk &Board	22/02/24
13	L21	Displacement value and it's calculation's, evaluation of suppositories	Chalk &Board	26/02/24
	T10	TUTORIAL	HAND OUTS	28/02/24
	L22	Pharmaceutical incompatibilities: definition, classification	Chalk &Board	29/02/24
14	L23	Physical incompatibilities	Chalk &Board	4/03/24
	T11	TUTORIAL	HAND OUTS	6/03/24
15	L24	Physical incompatibilities	Chalk &Board	7/03/24
	L25	Physical incompatibilities	Chalk &Board	11/03/24
	T12	TUTORIAL	HAND OUTS	13/03/24
16	L26	Chemical incompatibilities	Chalk &Board	14/03/24
	L27	Chemical incompatibilities	Chalk &Board	18/03/24
	T13	TUTORIAL	HAND OUTS	20/03/24
	L28	Therapeutic incompatibilities with examples	Chalk &Board	21/03/24
17	T14	TUTORIAL	HAND OUTS	27/03/24
	L29	Therapeutic incompatibilities with examples	Chalk &Board	28/03/24
18	L30	Semisolid dosage forms	Chalk &Board	1/04/24
	T15	TUTORIAL	HAND OUTS	3/04/24
	L31	Definition, classification	Chalk &Board	4/04/24
19	L32	Classifications	Chalk &Board	8/04/24
	T16	TUTORIAL	HAND OUTS	10/04/24
20	L33	Mechanism and factors influencing dermal penetration of drugs	Chalk &Board	15/04/24
	L34	Mechanism and factors influencing dermal penetration of drugs	Chalk &Board	18/04/24
21	L35	Factors influencing dermal penetration of drugs	Chalk &Board	22/04/24
	T17	TUTORIAL	HAND OUTS	24/04/24
	L36	Factors influencing dermal penetration of drugs	Chalk &Board	25/04/24

D. Neelima
Signature of the Faculty member

Date: 26/2/24

Jayalakshmi
Signature of the Principal

Date: