



# 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-B	L.Ramanamma	55	40	18

Week No.	Lecture No.	Topic	gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
01	L1	Historical background and development of profession of pharmacy	Chalk & Board	06-12-23
	L2	History of profession of pharmacy in india in relation to pharmacy education	Chalk & Board	06-12-23
	T1	Tutorial	Hand-Outs	07-12-23
02	L3	Industry and organisation	Chalk & Board	13-12-23
	L4	Pharmacy as a career	Chalk & Board	13-12-23
	T2	Tutorial	Hand-Outs	14-12-23
03	L5	Pharmacopoeias introduction	Chalk & Board	20-12-23
	L6	Introduction to IP	Chalk & Board	20-12-23
	T3	Tutorial	Hand-Outs	21-12-23
04	L7	Introduction to BP	Chalk & Board	27-12-23
	L8	Introduction to USP	Chalk & Board	27-12-23
	T4	Tutorial	Hand-Outs	28-12-23
05	L9	Extra pharmacopoeia	Chalk & Board	03-01-24
	L10	Introduction to dosage forms	Chalk & Board	03-01-24
	T5	Tutorial	Hand-Outs	04-01-24
06	L11	Classifications and definitions of dosage forms	Chalk & Board	10-01-24
	L12	Prescription definition	Chalk & Board	10-01-24
	T6	Tutorial	Hand-Outs	11-01-24
07	L13	Parts of prescription	Chalk & Board	18-01-24
	L14	Handling of prescription	Chalk & Board	24-01-24
	L15	Errors in prescription	Chalk & Board	24-01-24
	T7	Tutorial	Hand-Outs	25-01-24
08	L16	Definition of posology	Chalk & Board	31-01-24
	L17	Factors affecting posology	Chalk & Board	31-01-24
	T8	Tutorial	Hand-Outs	01-02-24
09	L18	Factors affecting posology	Chalk & Board	07-02-24
	L19	Pediatric dose calculations based on age	Chalk & Board	07-02-24
	T9	Tutorial	Hand-Outs	08-02-24
10	L20	Pediatric dose calculations based on body weight	Chalk & Board	14-02-24



	L21	Pediatric dose calculations based on body surface area	Chalk &Board	14-02-24
	T10	Tutorial	Hand-Outs	15-02-24
11	L22	Monophasic liquids: definitions and preparation of gargles, mouth washes, throat paint, ear drops	Chalk &Board	21-02-24
	L23	Nasal drops, enemas, syrups, elixirs, liniments and lotions	Chalk &Board	21-02-24
	L24	Biphasic liquids,	Chalk &Board	22-02-24
12	L25	Suspensions: definition, advantages and disadvantages, classification, preparations of suspensions	Chalk &Board	28-02-24
	L26	Flocculated and deflocculated suspension and stability problems and method to overcome	Chalk &Board	28-02-24
	T11	Tutorial	Hand-Outs	29-02-24
13	L27	Emulsions: definition, classification, emulsifying agent,	Chalk &Board	06-03-24
	L28	Test for the identification of type of emulsions	Chalk &Board	06-03-24
	T12	Tutorial	Hand-Outs	07-03-24
14	L29	Methods of preparation and solubility problems and methods of overcome	Chalk &Board	13-03-24
	L30	Preparation of ointments	Chalk &Board	13-03-24
	T13	Tutorial	Hand-Outs	14-03-24
15	L31	Pastes, creams	Chalk &Board	20-03-24
	L32	Gels	Chalk &Board	20-03-24
	T14	Tutorial	Hand-Outs	21-03-24
16	L33	Excipients used in semi solid dosage forms	Chalk &Board	27-03-24
	L34	Excipients used in semi solid dosage forms	Chalk &Board	27-03-24
	T15	Tutorial	Hand-Outs	28-03-24
17	L35	Evaluation of semi solid dosage forms	Chalk &Board	03-04-24
	L36	Evaluation of semi solid dosage forms	Chalk &Board	03-04-24
	T16	Tutorial	Hand-Outs	04-04-24
18	L37	Revision	Chalk &Board	10-04-24
	L38	Revision	Chalk &Board	10-04-24
	T17	Tutorial	Hand-Outs	18-04-24
19	L39	Revision	Chalk &Board	24-04-24
	L40	Revision	Chalk &Board	24-04-24
	T18	Tutorial	Hand-Outs	25-04-24

*L. Ramaswami*  
Signature of the Faculty member  
2/3/24  
Date:

*Franklin P. R.*  
Signature of the Principal  
Date