



# 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
504T	Pharmacognosy And Phytochemistry-II	III/I A Section	B.Ratna Deepthi Assoc..Professor	45	39	5

Lecture No.	Topic	E.T. Gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
L1	Introduction to the basic metabolic pathways	CHALK & TALK	6-12-2023
L2	Introduction to Shikimic acid pathway	CHALK & TALK	8-12-2023
L3	Shikimic acid pathway	CHALK & TALK	13-12-2023
L4	Introduction to Acetate pathway Acetate Mevalonate pathway	CHALK & TALK	15-12-2023
L5	Acetate Mevalonate pathway Acetate Melonate pathway	CHALK & TALK	16-12-2023
L6	Introduction to Amino acid Pathway	CHALK & TALK	20-12-2023
L7	Amino acid Pathway	CHALK & TALK	22-12-2023



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L8	Utilization of Radioactive isotopes in the Investigation of Biogenetic studies	CHALK & TALK	23-12-2023 27-12-2023
T1	<b>Tutorials</b>	Handouts	29-12-2023
L9	Steps involved in radio tracer techniques Methods used in radio tracer techniques	CHALK & TALK	30-12-2023 3-1-2024
L10	General Introduction and Classification of Alkaloids	CHALK & TALK	5-1-2024
L11	Identification tests of Alkaloids and extraction procedures	CHALK & TALK	6-1-2024
L12	Study of Vinca	CHALK & TALK	10-1-2024
L13	Study of Rawolfia and Study of Belladonna	CHALK & TALK	12-01-2024
L14	Study of Opium	CHALK & TALK	17-01-2024
L15	Introduction to Phenyl Propenoids & Flavonoids	CHALK & TALK	19-1-2024
L16	Classification & Identification tests of Lignans	CHALK & TALK	20-1-2024
L17	Lignans, Study of Tea and Study of Ruta	CHALK & TALK	24-1-2024
L18	Introduction of Steroids, Cardiac glycosides & tri-terpenoids	CHALK & TALK	27-1-2024
L19	Study of Digitalis	CHALK & TALK	31-1-2024
T2	<b>Tutorial</b>	Handouts	2-2-2024
	<b>FIRST MID EXAM</b>	PREPARATION	3-2-2024
L20	Study of Liquorice and Dioscora	CHALK & TALK	14-2-2024



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L21	Introduction to Volatile oils, Classification and chemical test extraction	CHALK & TALK	16-2-2024
L22	Study of Mentha, Clove and Cinnamon	CHALK & TALK	17-2-2024
L23	Study of Fennel and Coriander	CHALK & TALK	21-2-2024
L24	Introduction to Tannins, Classification, Chemical test and Extraction	CHALK & TALK	23-2-2024
L25	Study of Catechu	CHALK & TALK	24-2-2024
L26	Study of Pterocarpus	CHALK & TALK	28-2-2024
<b>T3</b>	<b>TUTORIAL</b>	Handouts	1-3-2024
L27	Introduction to Resins and Benzoin	CHALK & TALK	2-3-2024
L28	Study of Guggul and Ginger	CHALK & TALK	6-3-2024
L29	Study of Asafoetida and Myrrh	CHALK & TALK	13-3-2024
L30	Study of Colophony	CHALK & TALK	15-3-2021
<b>T4</b>	<b>TUTORIAL</b>	Handouts	16-3-2024
L31	Glycoside Introduction, Classification and Chemical test extraction	CHALK & TALK	20-3-2024
L32	Study of Senna	CHALK & TALK	22-3-2024
L33	Study of Aloe	CHALK & TALK	23-3-2024
L34	Study of Bitter Almond	CHALK & TALK	27-3-2024
L35	Introduction to Iridoids, Terpenoids and Naphthoquinone	CHALK & TALK	30-3-2024
<b>T5</b>	<b>Tutorials</b>	Handouts	3-4-2024



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L36	Study of Artemisia and Cartinoids	CHALK & TALK	3-4-2024
	<b>SECOND MID EXAM</b>	Preparation	4-4-2024
L37		Revision	Sem exam
L38	Revision	Sem exam	19-4-2024
L39	Revision	Sem exam	20-4-2024

*B. Ratna Deepthi*  
Signature of the Faculty Member

Date: 7/12/23

*[Signature]*  
Signature of the Head

Date: