



RAGHU COLLEGE OF PHARMACY

Dakamarri, Bheemunipatnam Mandal, Visakhapatnam – 531162.

(Affiliated to ANDHRA UNIVERSITY, VISAKHAPATNAM)

COURSE PLAN Section A

Subject Code	Name of the Subject	Class/ Semester	Name of the Faculty/ Designation	No. of Students	Total periods per Semester / Year	
					Lectures	Tutorials
BP405T	PHARMACOGNOSY AND PHYTOCHEMISTRY I	II/II	M.Yamini/ asst professor	52	30	5

Lecture No.	Topic	E.T. Gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
L1	Definition, history, scope of pharmacognosy	CHALK & TALK	30-6-23
L2	Development of pharmacognosy	CHALK & TALK	1-7-23
L3	Sources of drugs- plants, animals	CHALK & TALK	7-7-23
T1	TUTORIAL	REVISION	10-7-23
L4	Sources of drugs-marine and tissue culture	CHALK & TALK	14-7-23
L5	Organized drugs	CHALK & TALK	15-7-23
L6	Unorganized drugs	CHALK & TALK	21-7-23
L7	Cultivation and collection of drugs of natural origin	CHALK & TALK	22-7-23
T2	TUTORIAL	REVISION	24-7-23
L8	Cultivation and collection of drugs of natural origin	CHALK & TALK	28-7-23
L9	Factors influencing cultivation of medicinal plants	CHALK & TALK	29-7-23
L10	Factors influencing cultivation of medicinal plants	CHALK & TALK	4-8-23
L11	Tutorials	CHALK & TALK	5-8-23
L12	Conservation of medicinal plants	CHALK & TALK	11-8-23
L13	Role of pharmacognosy in allopathy	CHALK & TALK	18-8-23



4	Role of pharmacognosy in ayurveda	CHALK & TALK	19-8-23
	I Mid examinations		
L3	TUTORIALS	CHALK & TALK	26-8-23
L16	Role of pharmacognosy in unani	CHALK & TALK	1-9-23
L17	Role of pharmacognosy in siddha	CHALK & TALK	2-9-23
L18	Role of pharmacognosy in homeopathy	CHALK & TALK	8-9-23
L19	Role of pharmacognosy in homeopathy	CHALK & TALK	15-9-23
T4	TUTORIAL	REVISION	16-9-23
L20	Role of pharmacognosy in Chinese system of medicine	CHALK & TALK	16-9-23
L21	Role of pharmacognosy in Chinese system of medicine	CHALK & TALK	22-9-23
L22	Marine drugs-Novel medicinal agents from marine sources	CHALK & TALK	23-9-23
L23	Marine drugs-Novel medicinal agents from marine sources	CHALK & TALK	29-9-23
T5	TUTORIAL	REVISION	29-9-23
L24	Fibers - Cotton	CHALK & TALK	30-9-23
L25	Fibers - Jute	CHALK & TALK	6-10-23
L26	Fibers - Hemp	CHALK & TALK	7-10-23
L27	Lipids - Castor oil	CHALK & TALK	13-10-23
L28	Lipids - chaulmoogra oil	CHALK & TALK	27-10-23
L29	Lipids - Woolfat	CHALK & TALK	28-10-23
	II mid examinations		
L30	Lipids - Bees wax	CHALK & TALK	10-11-23

Signature of the Faculty Member

P.A. Yammie

Date: *21/10/23*

Signature of the Head

Date





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COURSE PLAN Section B

Subject Code	Name of the Subject	Class / Semester	Name of the Faculty/ Designation	No. of Students	Total periods per Semester / Year	
					Lectures	Tutorials
BP405T	PHARMACOGNOSY	II/II	M.Yamini asst professor	55	32	5

Lecture No.	Topic	E.T. Gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
L1	Definition, history, scope of pharmacognosy	CHALK & TALK	28-6-23
L2	Development of pharmacognosy	CHALK & TALK	5-7-23
L3	Sources of drugs- plants, animals	CHALK & TALK	6-7-23
T1	TUTORIAL	REVISION	7-7-23
L4	Sources of drugs-marine and tissue culture	CHALK & TALK	12-7-23
L5	Sources of drugs-marine and tissue culture	CHALK & TALK	13-7-23
L6	Organized drugs	CHALK & TALK	19-7-23
L7	Unorganized drugs	CHALK & TALK	20-7-23
L8	Cultivation and collection of drugs of natural origin	CHALK & TALK	26-7-23
T2	TUTORIAL	REVISION	27-7-23
L9	Cultivation and collection of drugs of natural origin	CHALK & TALK	27-7-23
L10	Factors influencing cultivation of medicinal plants	CHALK & TALK	2-8-23
L11	Factors influencing cultivation of medicinal plants	CHALK & TALK	3-8-23
L12	Tutorials	CHALK & TALK	9-8-23
L13	Conservation of medicinal plants	CHALK & TALK	10-8-23
L14	Conservation of medicinal plants	CHALK & TALK	16-8-23
L15	Role of pharmacognosy in allopathy	CHALK & TALK	17-8-23
L16	Role of pharmacognosy in ayurveda	CHALK & TALK	20-8-23

I Mid examinations

T3	TUTORIALS	CHALK & TALK	31-8-23
L18	Role of pharmacognosy in unani	CHALK & TALK	6-9-23
L19	Role of pharmacognosy in siddha	CHALK & TALK	13-9-23
L20	Role of pharmacognosy in homeopathy	CHALK & TALK	14-9-23
L21	Role of pharmacognosy in homeopathy	CHALK & TALK	20-9-23
T4	TUTORIAL	REVISION	21-9-23
L22	Role of pharmacognosy in Chinese system of medicine	CHALK & TALK	21-9-23
L23	Role of pharmacognosy in Chinese system of medicine	CHALK & TALK	27-9-23
L24	Marine drugs-Novel medicinal agents from marine sources	CHALK & TALK	4-10-23
L25	Marine drugs-Novel medicinal agents from marine sources	CHALK & TALK	5-10-23
T5	TUTORIAL	REVISION	5-10-23
L26	Fibers - Cotton	CHALK & TALK	11-10-23
L27	Fibers - Jute	CHALK & TALK	12-10-23
L28	Fibers - Hemp	CHALK & TALK	18-10-23
L29	Lipids - Castor oil	CHALK & TALK	25-10-23
L30	Lipids - chaulmoogra oil	CHALK & TALK	26-10-23
	II mid examinations		
L31	Lipids- wool fat	CHALK & TALK	8-11-23
L32	Lipids - Bees wax	CHALK & TALK	9-11-23

Signature of the Faculty Member

Date: 21/11/23

Signature of the Head

Date

COURSE PLAN - PHARMACOGNOSY - PRACTICAL (SECTION A) BATCH-II

s.no.	Name of the experiment	Date
1	COMPOUND MICROSCOPE	30-6-23
2	ANALYSIS OF TRAGACANTH BY CHEMICAL TESTS	7-7-23
3	ANALYSIS OF ACACIA BY CHEMICAL TESTS	7-7-23
4	ANALYSIS OF AGAR BY CHEMICAL TESTS	7-7-23
5	ANALYSIS OF GELATIN BY CHEMICAL TESTS	7-7-23
6	ANALYSIS OF STARCH BY CHEMICAL TESTS	7-7-23
7	ANALYSIS OF HONEY BY CHEMICAL TESTS	14-7-23
8	ANALYSIS OF CASTOR OIL BY CHEMICAL TESTS	14-7-23
9	DETERMINATION OF STOMATAL NUMBER	21-7-23
10	DETERMINATION OF STOMATAL INDEX	28-7-23
11	DETERMINATION OF VEINISLET NUMBER	4-8-23
12	DETERMINATION OF VEINTERMINATION NUMBER	11-8-23
13	DETERMINATION OF PALISADE RATIO	18-8-23
14	MEASUREMENT OF STARCH GRAINS IN POWDERED CRUDE DRUG	1-9-23
15	DETERMINATION OF DIMENSIONS OF CALCIUM OXALATE CRYSTALS IN POWDERED CRUDE DRUG	8-9-23
16	MEASUREMENT OF THE WIDTH OF PILEUM FIBRES IN POWDERED CRUDE DRUG	15-9-23
17	DETERMINATION OF QUANTITATIVE MICROSCOPY- LYCOPODIUM SPORE METHOD	22-9-23
18	DETERMINATION OF ASH VALUES OF A CRUDE DRUG	29-9-23
19	DETERMINATION OF EXTRACTIVE VALUES OF A CRUDE DRUG	6-10-23
20	DETERMINATION OF MOISTURE CONTENT OF A CRUDE DRUG	13-10-23
21	DETERMINATION OF SWELLING FACTOR OF A CRUDE DRUG	27-10-23
22	DETERMINATION OF FOAMING INDEX OF A CRUDE DRUG	10-11-23



COURSE PLAN - PHARMACOGNOSY - PRACTICAL (SECTION B) BATCH-I

s.no.	Name of the experiment	Date
1	COMPOUND MICROSCOPE	27-6-23
2	ANALYSIS OF TRAGACANTH BY CHEMICAL TESTS	4-7-23
3	ANALYSIS OF ACACIA BY CHEMICAL TESTS	4-7-23
4	ANALYSIS OF AGAR BY CHEMICAL TESTS	4-7-23
5	ANALYSIS OF GELATIN BY CHEMICAL TESTS	4-7-23
6	ANALYSIS OF STARCH BY CHEMICAL TESTS	4-7-23
7	ANALYSIS OF HONEY BY CHEMICAL TESTS	11-7-23
8	ANALYSIS OF CASTOR OIL BY CHEMICAL TESTS	11-7-23
9	DETERMINATION OF STOMATAL NUMBER	18-7-23
10	DETERMINATION OF STOMATAL INDEX	25-7-23
11	DETERMINATION OF VEINISLET NUMBER	1-8-23
12	DETERMINATION OF VEINTERMINATION NUMBER	8-8-23
13	DETERMINATION OF PALISADE RATIO	29-8-23
14	MEASUREMENT OF STARCH GRAINS IN POWDERED CRUDE DRUG	5-9-23
15	DETERMINATION OF DIMENSIONS OF CALCIUM OXALATE CRYSTALS IN POWDERED CRUDE DRUG	12-9-23
16	MEASUREMENT OF THE WIDTH OF PHLOEM FIBRES IN POWDERED CRUDE DRUG	26-9-23
17	DETERMINATION OF QUANTITATIVE MICROSCOPY- LYCOPODIUM SPORE METHOD	3-10-23
18	DETERMINATION OF ASH VALUES OF A CRUDE DRUG	10-10-23

19	DETERMINATION OF EXTRACTIVE VALUES OF A CRUDE DRUG	17-10-23
20	DETERMINATION OF MOISTURE CONTENT OF A CRUDE DRUG	31-10-23
21	DETERMINATION OF SWELLING FACTOR OF A CRUDE DRUG	7-11-23
22	DETERMINATION OF FOAMING INDEX OF A CRUDE DRUG	7-11-23

M. Yamin

INTERNAL SIGNATURE


PRINCIPAL