

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2018-2019

Diversity of Archaeogonates
Paper : & Plant Anatomy

ANNUAL CURRICULAR

PLAN (Year)

NAME OF THE LECTURER : G.Sushma

CLASS : ICB2

Semester : II

Paper :

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
November	1	2	Syllabus, Introduction, General characters of Bryophytes & Classification		—	—	—	—	Seminar	1hr	yes	—
	2	5	Structure, Reproduction & life history of Marchantia Fernaria		—	—	—	—	—	—	—	—
	3	4	Evolution of Sporophyte in Bryophytes, General characters & Classification of Pteridophytes		charts preparation	1hr	yes	—	—	—	—	—
	4	4	Structure, Reproduction & Life history of Lycopodium & Marsilea		—	—	—	—	—	—	—	—
Dec	1	2	General characters of Gymnosperms	you tube videos	—	—	—	—	Quiz	1hr	yes	—
	2	5	Heterospory & Seed habit, Stelar evolution in pteridophytes		charts preparation	1hr	yes	—	—	—	—	—
	3	5	Morphology, Anatomy, Reproduction & Life history of Pinus		—	—	—	—	—	—	—	—
	4	5	Life history of Gnetum, E-I of Gymnosperms	you tube videos	—	—	—	—	—	—	—	—
	5	4	Root apical Meristem & Shoot apical Meristem		—	—	—	—	—	—	—	—

Signature of the Lecturer

G.Sushma

Signature of the HOD

S. Anuradha

Signature of the Principal

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ANNUAL CURRICULAR

PLAN (Year)

Diversity of Archegonates
& plant Anatomy

NAME OF THE LECTURER: G. Sushma

CLASS: ICB2 Semester: D

Paper: & plant Anatomy

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Jan	1	5	Meristematic tissues	—	—	—	—	—	—	—	—	—
	2	3	I mid exams	—	—	—	—	Seminar	1hr	yes	—	—
	3	→ PONGAL HOLIDAYS ←		—	—	—	—	—	—	—	—	—
	4	5	Permanent tissues - Simple tissues	—	shown slides	1hr	yes	—	—	—	—	—
	5	3	Complex tissues - Xylem	—	—	—	—	—	—	—	—	—
Feb	1	3	phloem	—	—	—	—	—	—	—	—	—
	2	5	Secretory Tissues	—	charts preparation	1hr	yes	—	—	—	—	—
	3	5	Epidermal tissue system	—	—	—	—	quiz	1hr	yes	—	—
	4	5	I mid exams	✓	—	—	—	—	—	—	—	—

Signature of the Lecturer
G. Sushma

Signature of the HOD
S. Anuradha

Signature of the Principal
S. Anuradha

ANNUAL CURRICULAR					PLAN (Year)									
NAMR OF THE LECTURER <i>G. Sushma</i>					CLASS : <i>ICB2</i>				Semester : <i>II</i>		Paper : <i>Diversity of Archegonates & plant Anatomy</i>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY					
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date		
<i>Feb</i>	<i>5</i>	<i>3</i>	<i>Ground tissue system</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<i>Mar</i>	<i>1</i>	<i>2</i>	<i>Vascular tissue system Anomalous S. growth of Achyranthes</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
	<i>2</i>	<i>4</i>	<i>Sec. growth in Boerhaavia & Dalmanea</i>	<i>-</i>	<i>presentation</i>	<i>1hr</i>	<i>Yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
	<i>3</i>	<i>6</i>	<i>Teak & Rose wood.</i>											

Signature of the Lecturer *G. Sushma*

Signature of the HOD *S. Anusudha*

Signature of the Principal *[Signature]*

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2018- 2019

ANNUAL CURRICULAR					PLAN (Year)				PLANT PHYSIOLOGY AND METABOLISM			
NAME OF THE LECTURER: K. Sravika Lakshmi					CLASS: II CBZ	Semester: IV	Paper:			CO-CURRICULAR ACTIVITY		
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Nov	2	1	Syllabus and Introduction	-	-	-	-	-	-	-	-	-
	3	5	Physical properties & Importance of water, osmosis, Diffusion, Imbibition, Water potential Absorption & Transport of water	Shown Youtube Videos	Preparation of charts	-	Yes	-	seminars	1Hr	Yes	-
	4	5										
	5	5	Transpiration, Nitrogen metabolism	-	class test	1Hr	✓	-	-	-	-	-
Dec	1	5	Enzymes, Auxins, Gibberelins	-	Preparation of charts	-	Yes	-	Quiz	1Hr	Yes	-
	2	5	ABA, ethylene, Cytokinins	Shown Youtube Videos	-	-	Yes	-	-	-	-	-
	3	5										
	3	1	Mid Sem I Photosynthesis Introduction	-	-	-	-	-	-	-	-	-

Signature of the Lecturer
K. Sravika Lakshmi

Signature of the HOD
S. Arunachalam

Signature of the Principal

Sahitya

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2018- 2019

ANNUAL CURRICULAR					PLAN (Year)				PLANT PHYSIOLOGY AND METABOLISM				
NAME OF THE LECTURER: K. Sravika Lakshmi					CLASS: II CBZ		Semester: IV		Paper :				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
Jan	1	3	CAM, photorespiration Translocation of organic solutes	-	-	-	-	-	-	-	-	-	-
-	2	4	Glycolysis, Anaerobic respiration, TCA ETS	Shown youtube videos	Preparation of charts	1 hr	Yes	-	Seminar.	1hr	-	-	-
	3	-	Pongal Holidays	-	-	-	-	-	-	-	-	-	-
	4	5	oxidative phosphorylation Lipid metabolism, Growth & Development, phytochrome Photo periodism	-	-	-	-	-	-	-	-	-	-
Feb	1	1	Mineral nutrition	Shown Youtube Videos	Maken them to preparation of charts	1 hr	Yes	-	Quiz	1hr	-	-	-
	2		Mid sem	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer
K. Sravika Lakshmi

Signature of the HOD
S. Suresh Babu

Signature of the Principal
K. Srinivas

Elective

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2019 - 2019

ANNUAL CURRICULAR					PLAN (Year)				Flective			
NAMR OF THE LECTURER <i>K. Sravika Lakshmi</i>					CLASS : <i>III BSC CBZ</i>		Semester : <i>VI</i>		Paper : <i>Plant Tissue Culture & its Biotechnological Application</i>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
<i>Nov</i>	<i>4</i>		<i>skill Development</i>	<i>Classes</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
	<i>5</i>	<i>3</i>	<i>Syllabus & Introduction Basic principles of Tissue culture, sterilization</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
<i>Dec</i>	<i>1</i>	<i>3</i>	<i>Culture medium Endosperm culture Embryo culture</i>	<i>—</i>	<i>QUIZ</i>	<i>1</i>	<i>Yes</i>	<i>—</i>	<i>Seminar</i>	<i>1hr</i>	<i>YES</i>	<i>—</i>
	<i>2</i>	<i>4</i>	<i>Cryopreservation, MS media Germ plasma conservation 2° metabolites, Micropropagation</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
	<i>3</i>	<i>2</i>	<i>Applications of plant Genetic engineering Transgenic plants</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
	<i>4</i>	<i>2</i>	<i>Christmas Holidays Transgenic plants</i>	<i>will show you-tube vedios</i>	<i>shows different char/s</i>	<i>1hr</i>	<i>yes</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>

K. Sravika Lakshmi
Signature of the Lecturer

S. Anuradha
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Signature of the Principal

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2018 - 2019

ANNUAL CURRICULAR					PLAN (Year)				CO-CURRICULAR ACTIVITY			
NAMR OF THE LECTURER					CLASS :		Semester :		Paper :			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Dec	5	2	Methods for gene transfer	—	Seminar	2	✓	—	—	—	—	—
Jan	1	2	selection of Transgenic	—	—	—	—	—	conduct quiz	1hr	YES	—
	2	4	Restriction enzymes & mapping, cloning vectors.	—	—	—	—	—	—	—	—	—
	3	4	Gene cloning, cDNA & Pongal holidays complementation & Colony hybridization	—	—	—	—	—	—	—	—	—
	4	4	Gene cloning, cDNA & genomic libraries, complementation technique & hybridization	will show youtube videos	Teaching	1hr	YES	—	—	—	—	—
	5	3	Mesystem & organ culture, Totipotency, Differentiation & dedifferentiation, callus	—	—	—	—	—	—	—	—	—

K. Sravika Lakshmi
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2018 - 2019

ANNUAL CURRICULAR

PLAN (Year)

Elective: Plant Tissue Culture &
Paper: its Biotechnological Applications

NAMR OF THE LECTURER K Sravika Lakshmi

CLASS: III BSC CBZ

Semester: VI

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Feb	1	1	callus sub culture	will shows you tube vedios	Digital Board	1hr	yes	—	seminar	1hr	yes	—
	2		II Mid Exam.	—	—	—	—	—	—	—	—	—

K Sravika Lakshmi
Signature of the Lecturer

Signature of the HOB
S. Anuradha

Signature of the Principal
S. Anuradha

VI-CLA ①

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2018 - 2019

Cluster A: plant diversity & human welfare

ANNUAL CURRICULAR					PLAN (Year)									
NAME OF THE LECTURER: <i>K. Sravitha Lakshmi</i>					CLASS: <i>III CBZ</i>			Semester: <i>VI</i>		Paper: <i>VI</i>			CO-CURRICULAR ACTIVITY	
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date		
<i>NOV</i>	<i>4</i>	<i>-</i>	<i>Skill development programme</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>Seminar</i>	<i>1hr</i>	<i>YES</i>	<i>-</i>		
	<i>5</i>	<i>3</i>	<i>Syllabus Introduction Types of Biodiversity</i>	<i>you tube videos</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		
<i>DEC</i>	<i>1</i>	<i>3</i>	<i>methods for valuation agro biodiversity cultivated & wild plant tax.</i>		<i>models preparation</i>	<i>1hr</i>	<i>YES</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		
	<i>2</i>	<i>4</i>	<i>Loss of biodiversity social approaches to conservation UNESCO, ALBESS</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>Quiz</i>	<i>1hr</i>	<i>YES</i>	<i>-</i>		
	<i>3</i>	<i>2</i>	<i>UNEP, UNESCO and COMPT IUCN</i>	<i>you tube videos</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		
	<i>4</i>	<i>2</i>	<i>Christmas holidays Biodiversity Legislations WLF</i>		<i>charts preparation</i>	<i>1hr</i>	<i>YES</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>		

Signature of the Lecturer
K. Sravitha Lakshmi

Signature of the HOD
S. Suresh

Signature of the Principal
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2018- 2019

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: <i>K. Srinika Lakshmi</i>					CLASS: <i>III CBZ</i>		Semester: <i>VI</i>		Paper: <i>Plant diversity & welfare</i> ^{Human}				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
	5	2	conservation of Biodiversity	—	models preparation	1hr	yes	—	—	—	—	—	—
	1	3	uses of plants, values of biodiversity	will show charts	—	—	—	—	—	—	—	—	—
	2	4	solid & liquid waste Management, insitu & Ex situ conservation	—	—	—	—	—	PPT presentation	1hr	yes	—	—
	4	4	EIA Participatory Resource appraisal	—	—	—	—	—	—	—	—	—	—
	5		Avenue trees, ornamental plants, Alcoholic beverages fruit trees,	—	—	—	—	—	—	—	—	—	—
feb	1		wood, fiber & its uses	—	—	—	—	—	—	—	—	—	—
	2		utilization & commercial importance of fiber	—	—	—	—	—	—	—	—	—	—

Signature of the Lecturer
K. Srinika Lakshmi

Signature of the HOD
S. Anusudha

Signature of the Principal

Srinika

ANNUAL CURRICULAR

PLAN (Year)

NAMR OF THE LECTURER

G. Sushma

CLASS : III CBZ

Semester : VI - (cluster - II)

Paper :

Ethno botany & Medicinal Botany

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
Nov	2	2	Syllabus, Introduction, Concept, Scope & Objectives, Interdisciplinary Science	-	make them to share Concept, Scope & Objectives Ethnobotany	01	Yes	-	-	-	-	-	-
	3	4	Relevance of Ethnobotany in present context, Major & Minor ethnic groups of India & life styles	Major & minor tribes who are lived in tribal area/forest	-	-	-	-	make them prepare Chart of major & Minor tribal groups	01	Yes	-	-
	4	3	Food plants, Intoxicants & Beverages, Resins, Oils & Miscellaneous uses.	-	make them to share common information of forest plant resource	01	Yes	-	-	-	-	-	-
	5	3	Role of Ethnobotany in Modern medicine - Rauwolfia Serpentina, Psychopus zeylanicus	-	-	-	-	-	Class Room Seminar	01	Yes	-	-
Dec	1	1	Antemisia annua, Withania Somnifera.	-	make them to share knowledge on medicinal plant	01	Yes	-	-	-	-	-	-
	2	3	Medico-ethno botanical Sources of India.	-	make them to traditional medicinal methods used in India	01	Yes	-	-	-	-	-	-
	3	4	Significance of plants in ethno botanical practices. Azadirachta indica, Cinnum sanctum	-	-	-	-	-	Class Room Seminar	01	Yes	-	-
	4	4	Gilostica sarpurba, V. tex naganda, Tribulus terrestris, Phyllanthus niruri, Cassia auriculata, Senna argentea	-	Previous class known medicinal plants discussion	01	Yes	-	-	-	-	-	-
	5	2	Indigofera tinctoria, Curcuma longa, Role of ethnic groups in conservation of pfl. genetic resources	-	-	-	-	-	Group Discussion	01	Yes	-	-

Signature of the Lecturer

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2019 - 2020

ANNUAL CURRICULAR

PLAN (Year)

NAMR OF THE LECTURER

G. Sushma

CLASS : III CBZ

Semester : VI

Paper : Ethano Botany

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Jan	1	3	Showing wealth concept, Biopiracy, Intellectual property rights & Traditional knowledge	—	—	—	—	Quiz	01	Yes	—	
	2	3	II mid exams	—	—	—	—	—	—	—	—	
	3	—	Pongal Holidays	—	—	—	—	—	—	—	—	
	4	4	Definition & Scope of Ayurveda, History, Origin, Panchabhutas, Saptadhatu, Rasidasha	—	—	—	—	—	—	—	—	
	5	2	Rasayana & plants used in Therapy Siddha - Origin, Basis, plants used in Siddha medicine, Triphala Rasayana	—	—	—	—	Group Discussion	01	Yes	—	
Feb	1	1	Unani - History, Polyherbal Concept & therapy, Formulations, Endemic & Endangered Medicinal plants	—	—	—	—	—	—	—	—	
	2	4	Red list Criteria, In-Situ Conservation- Bio Sphere Reserves, Sacred Groves & National Parks.	—	—	—	—	—	—	—	—	
	3	4	Ex-Situ Conservation - Botanical Gardens.	—	—	—	—	Class Room Seminars	01	Yes	—	
	4	4	II mid exams	—	—	—	—	—	—	—	—	

Signature of the Lecturer

G. Sushma

Signature of the HOD

S. Sushma

Signature of the Principal

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE 2018 - 2019

ANNUAL CURRICULAR

PLAN (Year)

NAMR OF THE LECTURER *G. Sushma*

CLASS : *III CBZ* Semester : *VI cluster-II*

Paper : *Ethnography*

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
<i>Feb</i>	<i>5</i>	<i>2</i>	<i>Revision class</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Mar</i>	<i>1</i>	<i>1</i>	<i>Revision class</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>2</i>	<i>3</i>	<i>Revision class</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>3</i>	<i>4</i>	<i>Revision class</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>

Signature of the Lecturer

G. Sushma

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B. Anulekha

Signature of the Principal

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2018-2019

ANNUAL CURRICULAR

PLAN (Year)

Pharmacognosy &
Phytochemistry

NAME OF THE LECTURER :- G. Seetha

CLASS : III CBZ (Cluster-2) Semester : I

Paper : Pharmacognosy & Phytochemistry

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
November	4th		Skill development classes						QUIZ	1hr	YES	
	5th	4	Syllabus, Introduction, Definition, Importance & chemical classification of Drugs									
December	1	4	Pharmacological classification & Drug evaluation methods.	Models preparation	1hr	YES						
	2	4	Organoleptic & Microscopic studies of <i>Alstonia scholaris</i> , <i>Azadirachta indica</i> , <i>Stychnos nuxvomica</i> .									
	3	4	Mid exams									
	4	3	<i>Rauwolfia serpentina</i> , <i>Zingiber officinale</i> , <i>Carthamus scaberrimus</i> , Definition of Primary & Secondary metabolites						SEMINAR	1hr	YES	
	5	2	Origin of Secondary metabolites Acetate pathway.									
January	1	4	Melanin pathway & Shikimate Pathway Terpenes, Phenolics, Alkaloids, Terpenoids & Steroids									
	2	4	Glycosides, Anthraquinones, Coumarins, Flavones, Tannins & Phenolic Compounds.									

Signature of the Lecturer

G. Seetha

Signature of the HOD

S. Chandra

Signature of the Principal

S. Chandra

ANNUAL CURRICULAR

PLAN (Year)

NAMR OF THE LECTURER : *G. Sushma*

CLASS : *III BSC CBZ* Semester : *VI*

Paper : *Pharmacology*
Phytochemistry

MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
	3		Pongal holidays		—	—	—	—	—	—	—	—	—
	4	4	Betacyanins, Stilbenes, lignins, lignans, Sterols, Saponins, w/terpenoids, Ecdysones, Cucurbitacins		—	—	—	—	—	—	—	—	—
	5	3	Alkaloids, Biogenesis & Bio-activity, Volatile oils		—	—	—	—	—	—	—	—	—
			Aromatherapy		—	—	—	—	—	—	—	—	—
<i>February</i>	1	1			—	—	—	—	—	—	—	—	—
	2	4	Vaccines, Toxins & Toxoids, Antitoxins & Antiserum, Immunoglobulins		Models preparation	1hr	YES	—	—	—	—	—	—
	3	4	Vitamins, Antibiotics - Chemical nature & mode of action II - mid Exams		—	—	—	—	—	—	—	—	—
	4	4	Tumour inhibitors, PAF antagonists, Anti-oxidants		—	—	—	—	—	—	—	—	—
	5	4	Phytoestrogens, Role of enzyme inhibitors		—	—	—	—	—	—	—	—	—
<i>March</i>	1	3	Revision class for Immunoglobulins		—	—	—	—	—	—	—	—	—

Signature of the Lecturer

G. Sushma

Signature of the HOD

S. Chandra

Signature of the Principal

[Signature]