

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 2021**

ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER: <u>G. SUSHMA</u>					CLASS: <u>ICBZ &amp; RZBT</u> Semester: <u>II</u>				Paper: <u>Basics of Vascular Plants &amp; Plant Phytoecography</u>			
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
April	3	4	Introduction, Binomial System, Principles of ICBN	shown flowchart	Quiz	1hr	Yes	-	JAM	1hr	Yes	-
	4	3	Herbarium, Bentham Hooker's System, Amnaceae, Cucurbitaceae	Shown the flowcharts of given families	Seminar	1hr	Yes	-	Quiz	1hr	Yes	-
May	2	2	Asteraceae, Amaranthaceae, Asceaceae,	-	-	-	-	-	-	-	-	-
	3	4	Asclepiadaceae, Poaceae, Euphorbiaceae, APG classification	shown Flowcharts of different families	Seminar	1hr	Yes	-	Debates	1hr	Yes	-
	4	3	Introduction of plant phytoecography	-	-	-	-	-	-	-	-	-
	5	2	Principles of phytoecography	shown Images	Seminar	1hr	Yes	-	Quiz	1hr	Yes	-

Signature of the Lecturer

G. Sushma

Signature of the HOD

S. Anuradha

Signature of the Principal

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020-2021**

ANNUAL CURRICULAR					PLAN (Year)				CO-CURRICULAR ACTIVITY			
NAMR OF THE LECTURER <i>G. Sushma</i>					CLASS : <i>I CB2, B2BT</i> Semester : <i>II</i>				Paper : <i>Basics of Vascular plants &amp; Plant phytogeography</i>			
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
June	1		Phytogeographic regions of India	shown different regions			Yes					
	2		Phytogeographic regions of world	shown the regions	Seminar	1hr	Yes		Debate	1hr		
	3		Vegetation types in Andhra Pradesh									
	4		Pleridophyta - Lycopodium	PPT	Seminar	1hr	Yes		Quiz	1hr		
	5		Mosses Heterospory & Seed Habit									
July	1		Gymnosperms - Cycas, Gnetum, Bennettitales	PPT	Seminar	1hr	Yes		Quiz	1hr		

Signature of the Lecturer

*G. Sushma*

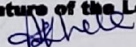
Signature of the HOD

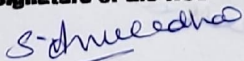
*S. Anulekha*


Signature of the Principal

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020 - 2021**

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER: <u>AKHILA GOUHAR</u>					CLASS: <u>II BSC-CBZ</u>			Semester: <u>II Sem</u>		Paper: <u>Botany - Plant Physiology</u>			
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	
May	1 <sup>st</sup>	1	Syllabus Dictation & Introduction of Paper	-	will	1hr	-	-	will conduct quiz competition	1hr	yes	-	
	2 <sup>nd</sup>	5	Physical properties & Importance of water; Diffusion; Osmosis; Imbibition	show you tube videos	yes	1hr	yes	-					
	3 <sup>rd</sup>	5	Components of Water potential - Determination & Measurement	-	will prepare charts	1hr	yes	-	will conduct seminar	1hr	yes	-	
	4 <sup>th</sup>	5	Transpiration - Types; opening & closing of Stomata	-	-	-	-	-	-	-	-	-	
	5 <sup>th</sup>	5	Macronutrients Micro Nutrients	-	will prepare models	1hr	yes	-	-	-	-	-	
June	1 <sup>st</sup>	5	Nitrogen fixation - Mechanism & N <sub>2</sub> cycle	-	-	-	-	-	-	-	-	-	

Signature of the Lecturer  


Signature of the HOD  


Signature of the Principal  


SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU  
CURRICULUM LECTURER WISE 2020- 2021

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ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER: <i>Akhila Gouhar</i>					CLASS: <i>II BSC-CBZ</i> Semester: <i>IV sem</i> Paper: <i>Botany</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
	2 <sup>nd</sup>	5	Transcription; Types of RNA Translation	Shows different Animations	students will prepare charts	1hr	yes	—	will conduct Seminars	1hr	yes	—
	3 <sup>rd</sup>		Structure & Properties of Enzymes; Enzyme	—	—	—	—	—	—	—	—	—
			action, Factors affecting enzyme activity.	Shows youtube videos	Ask them to prepare models	1hr	yes	—	—	—	—	—
	4 <sup>th</sup>	5	Light reaction, Dark reaction C <sub>4</sub> pathway	—	—	—	—	—	will conduct Quiz	1hr	yes	—
	5 <sup>th</sup>	3	CAM; Comparison of C <sub>4</sub> & CAM.	—	practice on Diagrams	1hr	yes	—	—	—	—	—
July	1 <sup>st</sup>	2	Photorespiration Comparison of Photo & Dark respiration.	—	—	—	—	—	—	—	—	—

Signature of the Lecturer  
*Akhila*

Signature of the HOD  
*S. Sreedhar*

Signature of the Principal  
*K. S. Srinivas*

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU  
CURRICULUM LECTURER WISE 2020- 2021

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <i>Akhila Gouhar</i>					CLASS : <i>FL BSC - CBZ</i> Semester : <i>IV sem</i> Paper : <i>Botany</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>2nd</i>	<i>4</i>	<i>Translocation - Mechanism and factors affecting Translocation</i>	<i>-</i>	<i>ref/</i>	<i>1hr</i>	<i>-</i>	<i>-</i>	<i>bio</i>	<i>-</i>	<i>-</i>	<i>-</i>	
	<i>3rd</i>	<i>5</i>	<i>Types of Respiration Glycolysis and Krebs Cycle</i>	<i>will show you-tube videos</i>	<i>will show charts</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	<i>bio</i>	<i>-</i>	<i>-</i>	<i>-</i>	
	<i>4th</i>	<i>4</i>	<i>Electron Transport chain; Oxidative phosphorylation, mech. of Anaerobic Respiration</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>bio</i>	<i>-</i>	<i>-</i>	<i>-</i>	
	<i>5th</i>	<i>5</i>	<i>classification of Lipids; Biochemical pathway of <math>\beta</math>-oxidation</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>bio</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<i>August</i>	<i>1st</i>	<i>5</i>	<i>Events &amp; Patterns of Growth; Growth kinetics; Factors influencing growth Auxins &amp; Gibberellins</i>	<i>model charts</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>seminar</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	

Signature of the Lecturer

*Akhila*

Signature of the HOD

*e. chinnappa*

Signature of the Principal

*Belinda*

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020-2021**

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <i>Abhila Gauthan</i>					CLASS : <i>II CBZ</i>				Semester : <i>IV</i>		Paper : <i>plant physiology</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>2nd</i>	<i>5</i>	<i>Cytokinesis; Abscisic acid; Ethylene;</i>	<i>will shows youtube videos</i>	<i>students will prepare charts</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>					
			<i>Brassinosteroids</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>will conduct Seminar</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	
	<i>3rd</i>	<i>2</i>	<i>Photoperiodism Vernalisation</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>will conduct Quiz</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	

Signature of the Lecturer  
*Abhila*

Signature of the HQD  
*S. Anuradha*

Signature of the Principal  
*[Signature]*

**ANNUAL CURRICULAR**

**PLAN (Year)**

NAMR OF THE LECTURER T. Vijayadurga

CLASS : III CBZ Semester : VI

Paper : plant tissue culture

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	
June	1	7hrs part Elective	cloning vectors	-	-	-	-	-	-	-	-	-	-
			prokaryotic & eukaryotic vectors	-	-	-	-	-	-	-	-	-	-
			Gene cloning - bacterial-PCR	-	-	-	-	-	-	-	-	-	-
			construction of genome & c-DNA libraries,	-	1hr	yes	-	shown different Libraries	1hr	yes	-	-	-
			screening DNA libraries to obtain gene of interest by	-	-	-	-	-	-	-	-	-	-
			complementation technique.	-	-	-	-	-	-	-	-	-	-
		5hrs part cl-2	Senecio auriculata, Curcuma longa.	medicinal properties	yes	1hr	yes	-	-	-	-	-	-
			Role of ethnic groups in the conservation of	-	-	-	-	will conduct quiz	1hr	yes	-	-	-
			plant genetic resources	-	-	-	-	-	-	-	-	-	-

T. Vijayadurga  
Signature of the Lecturer

Signature of the HOD  
S. Anuradha

Signature of the Principal  
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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER T. Vijayadurga					CLASS : III CBZ		Semester : VI		Paper : plant tissue culture				
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	
A	H	9 hrs for Elective	Production of secondary metabolites	-	-	-	-	-	-	-	-	-	-
			Cryo preservation of Graminoplasm conservation.	-	-	-	-	-	-	-	-	-	-
			Restriction endo-nucleases &	-	-	-	-	-	-	-	-	-	-
			Restriction mapping	-	-	-	-	-	-	-	-	-	-
		7 hrs for cl-2	Medico-ethnobotanical sources in India.	-	-	-	-	-	-	stems different of life styles Tribes	1hr	yes	-
			Significance of plants in ethnobotanical practices a) Azadirachta indica b) Ocimum sanctum	-	Explained	1hr	yes	-	-	-	-	-	-
			cassia auriculata b) indigofera hirsuta.	explained. medicinal properties	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

T. Vijayadurga

Signature of the HOD

S. Anuradha

Signature of the Principal

Beliga



**ANNUAL CURRICULAR**

**PLAN (Year)**

NAMR OF THE LECTURER

T. Vijaya durga

CLASS : III CBZ

Semester : IV

Paper : plant tissue culture

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	
July	2	8 hrs part elective	Genetic modification- Transgenic plants.	-	-	-	-	-	-	-	-	-	-
		6 hrs part alt-2	Bi-ation, Round-up-ready soybean.	shown youtube videos	yes	1hr	yes	-	Models Preparation	1hr	yes	-	-
	3	5 hrs part elective	Improved agronomic traits	-	-	-	-	-	-	-	-	-	-
		6 hrs part alt-2	unani systems of medicine,	-	-	-	-	-	will conduct seminar	1hr	yes	-	-
			History, concept of unani-labiya.	-	-	-	-	-	-	-	-	-	-
	H	7 hrs part elective	flavor over tomato.	shown Antiscorbe video	yes	1hr	yes	-	-	-	-	-	-
		5 hrs part alt-2	poly herbal formulations	-	-	-	-	-	write assignments	1hr	yes	-	-
			definition of-atomic & endangered medicinal plants.	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

T. Vijaya durga

Signature of the HOD

e. chullechra

Signature of the Principal

Sidhu

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

2020-21

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER: <i>J. Vijayadurga</i>					CLASS: <i>III CBZ</i>			Semester: <i>VI</i>		Paper: <i>Bot tissue culture</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>AUG</i>	<i>1</i>	<i>5[E]</i>	<i>Garden visit</i>	<i>-</i>	<i>students will prepare charts</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
		<i>6 hrs for cl-2</i>	<i>Red list criteria</i>	<i>-</i>	<i>-</i>	<i>1hr</i>	<i>-</i>	<i>-</i>	<i>will conduct seminar</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	<i>-</i>
			<i>onsite conservation: Biosphere reserves, sacred groves, national parks</i>	<i>will show charts</i>	<i>-</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>2</i>	<i>2 hrs for cl-2</i>	<i>Improved horticultural varieties</i>	<i>-</i>	<i>-</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	<i>will conduct quiz</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	<i>-</i>
			<i>room dust annotations</i>	<i>will show images</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
		<i>3 hrs for clubs</i>	<i>onsite conservation Botanical gardens</i>	<i>-</i>	<i>Garden work</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>

*J. Vijayadurga*  
Signature of the Lecturer

Signature of the HOD  
*S. Anuradha*

Signature of the Principal  
*[Signature]*

2020-21

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER AKHILA GOUHAR					CLASS : III BSc-LBZ Semester : VI Semester - Botany Paper : Cluster - 1								
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	
May	1 <sup>st</sup>	1	Syllabus Dictation & Introduction of Paper	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	4	Hierchal levels of Biodiversity; Agrobiodiversity Centre of Origin	-	1	Yes	-	Seminar	1hr	-	-	-	-
	3 <sup>rd</sup>	4	Land races; Wild life & Cultivated plant taxa; Values of B.D.	PPT	1	Yes	-	-	-	-	-	-	-
	4 <sup>th</sup>	4	Methods of valuation Uses of Biodiversity	-	-	-	-	Assembly Activity	1hr	Yes	-	-	-
	5 <sup>th</sup>	4	Loss of species; Genetic & Ecosystem Diversity	-	1	Yes	-	Quiz	1hr	Yes	-	-	-
				-	-	-	-	-	-	-	-	-	-
June	6 <sup>th</sup> 1 <sup>st</sup>	4	Loss of Agrobiodiversity Projected scenario of B.D. loss;	Shows Charts	-	-	-	-	-	-	-	-	-
			Different organizations of Plant diversity	Shown charts	1	Yes	-	Seminar	1hr	Yes	-	-	-
	2 <sup>nd</sup>	4	B.D. legislations & Conservations; Management & Commutation of B.D.	Shown images	1	Yes.	-	Quiz	1hr	Yes	-	-	-

Signature of the Lecturer

Akhila

Signature of the HOD

S. Anusudha

Signature of the Principal

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2020-21

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <i>Athila</i>					CLASS : <i>III CBZ</i> Semester : <i>V</i>				Paper : <i>Cluster 1</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>3<sup>rd</sup></i>	<i>4</i>	<i>EIA; GIS; Ecological &amp; carbon foot print</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>4<sup>th</sup></i>	<i>4</i>	<i>Resource Accounting; Solid &amp; liquid waste management</i>	<i>PPT</i>	<i>Youtube videos</i>	<i>1hr</i>	<i>-</i>	<i>-</i>	<i>Debate</i>	<i>1hr</i>	<i>Yes</i>	<i>-</i>	<i>-</i>
				<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>5<sup>th</sup></i>	<i>2</i>	<i>Mid Sem I</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>July</i>	<i>1<sup>st</sup></i>	<i>2</i>	<i>Need for Conserving Biodiversity; Conservation of Genetic &amp; species diversity.</i>	<i>Shown charts</i>	<i>Quiz</i>	<i>1hr</i>	<i>-</i>	<i>-</i>	<i>Assembly Activity</i>	<i>+</i>	<i>-</i>	<i>-</i>	<i>-</i>
				<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>2<sup>nd</sup></i>	<i>3</i>	<i>In situ &amp; Ex situ Conservation;</i>	<i>Shown images</i>	<i>chart display</i>	<i>1hr</i>	<i>-</i>	<i>-</i>	<i>Seminar</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
			<i>Social approaches for Conservation of Biodiversity.</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
				<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>

Signature of the Lecturer

*Athila*

Signature of the HOD

*S. Athula*

Signature of the Principal

*Sri Y*

**ANNUAL CURRICULAR**

**PLAN (Year)**

NAMR OF THE LECTURER

Akhila

CLASS :

III CB Z

Semester :

VI

Paper :

Cluster 1

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 <sup>rd</sup>	4	B.P. Awareness Programmes; sustainable Development	PPT	Student Seminar	1hr	Yes	-	Seminar	-	-	-
			Mid sem-2	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	3	Importance of forests; Avenue Trees; Ornamental Trees.	Shown charts	Student Seminar	1hr	Yes	-	Quiz	-	-	-
				-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	4	Alcoholic Beverages through Aeyes;	Shown images	chart display	1hr	Yes	-	Debate	-	-	-
			Peets & Nuts; wood & fibre yielding plants.	-	-	-	-	-	-	-	-	-
August	1 <sup>st</sup>	4	Revision classes	-	-	-	-	-	-	-	-	-
	1 <sup>st</sup> 2 <sup>nd</sup>	4	Revision classes	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup> 2 <sup>nd</sup>	4	Revision classes.	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

Akhila

Signature of the HOD

S. Anuradha

Signature of the Principal

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: T. Vijaya durga					CLASS: III CBZ			Semester: VI semester		Paper: Ethnobotany			
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	
May	1	8 hours for Elective	History of plant tissue culture, meristems culture.	-	-	-	-	-	-	-	-	-	-
			organ culture, totipotency of cells, differentiation	-	-	✓	✓	-	✓	✓	✓	✓	✓
			dedifferentiation, stemming, culture media, MS medium.	shows different videos	models preparation	1hr	yes	-	-	1hr	yes	-	-
	2	7 hours part CI-2	Introduction, concept, scope and objectives,	-	-	-	-	-	conducted seminar	1hr	yes	-	-
			ethnobotany as an interdisciplinary science	-	-	-	-	-	-	-	-	-	-
			The relevance of ethnobotany in the present context.	shown charts	Quiz	1hr	yes	-	conducted quiz	1hr	yes	-	-
	2	6 hours part Elective	Phytohormones, asexual propagation of ornamentals	-	-	-	-	-	-	-	-	-	-
			horticulturally important plants.	horticulture techniques	propagation techniques	1hr	yes	-	Debate	1hr	yes	-	-
			callus-culture, somatic embryogenesis	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

T. Vijaya durga

Signature of the HOD

S. Anuradha

Signature of the Principal

[Signature]

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <i>T. Vijayadurga</i>					CLASS : <i>III CBZ</i> Semester : <i>VI</i>				Paper : <i>Ethnobotany</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>June</i>			<i>History, origin, Pancharatnakas,</i>										
			<i>Saptadhatu and tridasha concepts,</i>	<i>PPT</i>	<i>Quiz</i>	<i>1hr</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>Seminar</i>	<i>1hr</i> <i>YES</i>	<i>YES</i>	<i>-</i>
			<i>Rasayana,</i>										
	<i>4</i>	<i>8 hrs for Elective</i>	<i>Crp, applications of plant Genetic Engineering - crop improvement,</i>	<i>Shows images / Diagrams</i>	<i>Models preparation</i>	<i>1hr</i>	<i>Yes</i>	<i>-</i>	<i>-</i>	<i>Debate</i>	<i>1hr</i>	<i>Yes</i>	<i>-</i>
		<i>7 hrs for (C1-2)</i>	<i>Plants used in ayurvedic treatments.</i>							<i>quiz</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>
			<i>Siddha: origin of siddha medicinal systems.</i>	<i>PPT</i>	<i>charts preparation</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	<i>-</i>	<i>Seminar</i>	<i>1hr</i>	<i>Yes</i>	<i>-</i>
<i>July</i>	<i>1</i>	<i>7 hrs for Elective</i>	<i>Herbicide resistance, insect resistance.</i>										
		<i>5 for C1-2</i>	<i>Basis of siddha system, plants used in siddha medicine.</i>										

Signature of the Lecturer

*T. Vijayadurga*

Signature of the HOD

*S. Anuradha*

Signature of the Principal

*[Signature]*

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

ANNUAL CURRICULAR					PLAN (Year)									
NAMR OF THE LECTURER <i>J. Vijaya durga</i>					CLASS : <i>III CBZ</i>				Semester : <i>VI semester</i>		<i>(cluster-II)</i>		<i>Ethno botany of</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		
Aug.	2	6 hours for cluster-2	Major and minor ethnic groups or Tribals of India	-	-	-	-	-	-	-	-	-	-	
			& their life styles.	-	-	-	-	-	-	-	-	-	-	
			plants used by Tribal population.	-	-	-	-	-	-	-	-	-	-	
	3	6 hrs for Elective	endosperm- culture	-	cultured.	1hr	yes	-	-	-	-	-	-	
			embryo- culture.	-	endosperm	-	-	-	-	-	-	-	-	
			culture-requirements applications.	-	-	-	-	-	-	-	-	-	-	
SEP			Embryo rescue Technique.	-	-	-	-	-	-	explained different food plants	1hr	yes	-	
		5 hrs for cluster-2	food plants, intoxicants and beverages.	-	-	-	-	-	-	-	-	-	-	
			Resins & oils and miscellaneous uses.	-	-	-	-	-	-	-	-	-	-	
			Role of ethnobotany in modern medicine.	-	-	-	-	-	-	-	-	-	-	

*J. Vijaya durga*  
Signature of the Lecturer

Signature of the HOD  
*E. dullechra*

Signature of the Principal



**ANNUAL CURRICULAR**

**PLAN (Year)**

*Ethorobotany*

NAMR OF THE LECTURER *T. Vijaya durga*

CLASS : *III CBZ* Semester : *VI*

Paper : *Ethorobotany*

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>2</i>	<i>6 hrs part elective</i>	<i>Colony hybridization Methods of gene transfer</i>	<i>PPT</i>	<i>Debate</i>	<i>1hr</i>	<i>Yes</i>	<i>-</i>	<i>write charts</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>
<i>oct</i>	<i>29</i>	<i>29</i>	<i>Agrobacterium - mediated direct gene transfer by</i>		<i>show</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
			<i>electroporation - microinjection, bombardment</i>	<i>shows videos</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
		<i>5 hrs part ct-2</i>	<i>sharing of wealth concept with few</i>		<i>models preparation</i>	<i>1hr</i>	<i>yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
			<i>examples from India</i>	<i>IPR</i>					<i>Seminar</i>	<i>1hr</i>	<i>yes</i>	
<i>nov</i>	<i>29</i>	<i>29</i>	<i>Bio piracy, Intellectual property rights, Traditional knowledge</i>	<i>Training</i>					<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>3</i>	<i>6 hrs part elective</i>	<i>selection of transgenes selectable marker</i>	<i>Shown images</i>	<i>Quiz</i>	<i>1hr</i>	<i>Yes</i>	<i>-</i>	<i>conduct quiz</i>	<i>1hr</i>	<i>yes</i>	
			<i>reporter genes luciferase, GUS,</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
		<i>2 hrs part ct-2</i>	<i>Definition &amp; scope of Ayurveda.</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>

Signature of the Lecturer *T. Vijaya durga*

Signature of the HOD *S. Dhruvachari*

Signature of the Principal *[Signature]*

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 2021**

(Cluster-IV)

ANNUAL CURRICULAR					PLAN (Year)				Pharmacognosy and Phytochemistry			
NAMR OF THE LECTURER :- G. SUSHMA					CLASS : III CBZ 580 III		Semester : VI		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
April	4	5	Importance of pharmacognosy Chemical & pharmacological classification.	PPT	Seminar	1hr	Yes	92	Quiz	1hr	Yes	-
May	1	5	Drug evaluation methods Alstonia scholaris (Bark) Adhatoda vasica (leaf)	-	-	-	-	-	-	-	-	-
	2	5	Stychnos nuxvomica (seed) Rauwolfia serpentina (root) Catharanthus roseus	show the charts of different families	Seminar	1hr	Yes	-	Seminar	1hr	Yes	-
	3	5	Zinziber of ficoidis, Primary & Secondary Metabolites.	-	-	-	-	-	-	-	-	-
	4	6	Alkaloids, Terpenoids, Origin of Secondary Metabolites	Images of different metabolites	Seminar	1hr	Yes	92	Debate	1hr	Yes	-
June	1	5	Acetate Pathway, Mevalonate Pathway, Shikimate Pathway.	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

*G. Sushma*

Signature of the HOD

*S. Chandra*

Signature of the Principal

*[Signature]*

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 2021**

ANNUAL CURRICULAR					PLAN (Year)							
NAMR OF THE LECTURER <u>G. SUSHMA</u>					CLASS : <u>III CBZ</u>		Semester : <u>V</u>		Paper : <u>Pharmacognasy and phytochemistry</u>			
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
-	2	4	Phenols, Glycosides, Tannins, Anthraquinones, Coumarins & Furanocoumarins, Flavones, Anthocyanins	PPT	Seminar	1hr	Yes	-	Seminar	1hr	Yes	-
-	3	5	Betacyanins, Stilbenes, Lignins & Lignans, Steroids, Sterols, Tumour inhibitors	-	-	-	-	-	-	-	-	-
-	4	5	Saponins, Withanolides, Ecdysones, Enzyme inhibitors, Cucurbitacins, phytoestrogens, Alkaloids,	Shown charts of different families	Seminar	1hr	Yes	-	Debate	1hr	Yes	-
July	1	5	PAF antagonists, Volatile oils, Aromatherapy, Vaccines, Toxoids & Toxins	-	-	-	-	-	-	-	-	-
-	2	5	Anti toxins & Antiserums, Immunoglobulins, Antibiotics	PPT	Seminar	1hr	Yes	-	Quiz	1hr	Yes	-
-	3	4	Vitamins	-	-	-	-	-	-	-	-	-

Signature of the Lecturer G. Sushma

Signature of the HOD  
S. Anuradha

Signature of the Principal  
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