

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

ANNUAL CURRICULAR					PLAN (Year) 2020-2021 (odd sem)								
NAMR OF THE LECTURER <i>K.krishna praja</i>					CLASS : <i>TLBZBT</i>		Semester : <i>V</i>		Paper : <i>Biostructure & Analytical technique</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	
Feb	1	6	Introduction, syllabus classification, structure & properties of CHO & a.a	-	-	-	-	-	-	-	-	-	-
	2	6	classification, str, properties of proteins, denaturation & reactivation of proteins.	chemical properties of	1hr	Yes	-	Assignment	1hr	Yes	-	-	-
	3	6	classification str & properties of saturated & unsaturated, glycolipids.	amino acids	-	-	-	-	-	-	-	-	-
	4	6	phospholipids, cholesterol structure, function of DNA, RNA.	Forms of DNA	You Tube Video	1hr	Yes	-	-	-	-	-	-
Mar	1	2	Basic principles of sedimentation, types of centrifugation.	-	-	-	-	Seminar	1hr	Yes	-	-	-
	2	5	Centrifugation Differential Centrifugation, Chromatography technique	-	-	-	-	-	-	-	-	-	-

K.krishna praja
Signature of the Lecturer

S. Sreedhar
Signature of the HOD

[Signature]
Signature of the Principal

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	3	6	Structure of vitamins, fat soluble and H ₂ O soluble vitamins.	Biosynthesis	You tube video	1hr	Yes	-	-	-	-	-	-
	4	6	Entropy, Enthalpy, High energy compounds Glycolysis, High energy compounds	-	-	-	-	-	quiz	1hr	Yes	-	-
	5	2	TCA, ETC oxidative phospho sylation	Theories	-	-	-	-	-	-	-	-	-
Apr	1	3	Types of centrifugation paper, TLC chromatography	-	You Tube Video.	1hr	Yes	-	-	-	-	-	-
	3	5	Ion exchange gel permeation, affinity HPLC, GPCs, LCMS.	-	-	-	-	-	-	-	-	-	-
	4	6	Types of electrophoresis, U.V. spectro photometer TEM, SEM, Beer Lambert law.	-	-	-	-	-	-	-	-	-	-

K. Krishna priya
Signature of the Lecturer

S. Anuradha
Signature of the HOD

S. Anuradha
Signature of the Principal

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ANNUAL CURRICULAR					PLAN (Year) 2020-2021 (odd sem)								
NAMR OF THE LECTURER <i>K. Krishna priya</i>					CLASS : <i>II BZBT</i>		Semester <i>I</i>		Paper : <i>Biomolecular & Analytical techniques</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>8</i> <i>APR</i>	<i>5</i>	<i>6</i>	<i>Types of microscope measurement of radio activity, mean, med,</i>	<i>-</i>	<i>Example seen</i> <i>- Practice</i>	<i>1hr</i>	<i>Yes</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
			<i>mode, one way Two way Anova t, F test, chi square.</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
			<i>Revision classes</i>										

K. Krishna priya
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