

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE ~~2019~~ - 2020 - 23

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER					CLASS :		Semester :		Paper :				
R. LAKSHMI SYAMALA					I BSc MScs		I		Descriptive Statistics				
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	
Oct	3 <sup>rd</sup>	6 hrs	Unit - I Introduction to Statistics : Importance of Statistics	-	-	-	-	-	-	-	-	-	-
			Scope of Statistics in different fields. Concepts of primary & Secondary data	Primary & Secondary data	Showing in PPT	1hr	Yes	-	-	-	-	-	-
Oct	4 <sup>th</sup>	6 hrs	Diagrammatic and graphical representation of data; Histogram, frequency polygon, ogives, Pie.	-	-	-	-	-	-	-	-	-	-
Nov	1 <sup>st</sup>	6 hrs	Measures of Central tendency: Mean, Median, Mode, Geometric mean and Harmonic mean. Median and Mode through graph.	-	-	-	-	-	-	Assignment Alloted	1hr	Yes	-
				-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer *R. Lakshmi Syamala*

Signature of the HOD *R. Lakshmi Syamala*

Signature of the Principal *[Signature]*

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020 - 23**

ANNUAL CURRICULAR					PLAN (Year)							
NAMR OF THE LECTURER					CLASS :	Semester :			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
	2 <sup>nd</sup>	7 hrs	Unit - II Measures of Dispersion : Range, Quartile deviation, Mean deviation and Standard deviation, Variance. Central and Non-Central	-	-	-	-	-	-	-	-	-
			moments and their interrelationship. Sheppard's Correction	-	-	-	-	-	Assignment allotted	1hr	yes	-
			for moments. Skewness and kurtosis.	kurtosis graphical representation	Showing in PPT	1hr	yes	-	-	-	-	-
	4 <sup>th</sup>	7 hrs	Unit - III Curve-fitting Bi-variate data, principle of least squares,	-	-	-	-	-	-	-	-	-
			fitting of degree polynomial. Fitting of straight line,	-	-	-	-	-	-	-	-	-

*R. Lakshmi Syamala*  
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CURRICULUM LECTURER WISE ~~2019~~ 2020 - 23

ANNUAL CURRICULAR					PLAN (Year)									
NAME OF THE LECTURER					CLASS : <u>I BSc MScs</u>				Semester : <u>I</u>		Paper : <u>Descriptive Statistics</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		
Dec	1 <sup>st</sup>	5 hrs	Fitting of Second degree polynomial or parabola, fitting of power curve.	-	-	-	-	-	-	-	-	-	-	
	2 <sup>nd</sup>	6 hrs	and exponential curves.	-	-	-	-	-	-	Assignment Alloted	1hr	yes	-	
	3 <sup>rd</sup>	6 hrs	Correlation: Meaning, Types of Correlation, Measures of Correlation:	-	-	-	-	-	-	-	-	-	-	
	4 <sup>th</sup>	5 hrs	Scatter diagram, Karl-Pearson's Coefficient of Correlation, Rank	Correlation types & diagrams - its representation	Showing in PPT	1hr	yes	-	-	-	-	-	-	
			Correlation Coefficient (with and without ties), Bi-Variate frequency distribution, Correlation	-	-	-	-	-	-	-	-	-	-	
	5 <sup>th</sup>	4 hrs	Coefficient for bi-variate data and Simple problems	-	-	-	-	-	-	-	-	-	-	

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE - 2020 - 23**

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <u>R. LAKSHMI SYAMALA</u>					CLASS :	Semester :	Paper :		CO-CURRICULAR ACTIVITY				
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	
			Concept of multiple and partial correlation coefficients (three variables only) and properties.	-	-	-	-	-	-	-	-	-	-
Jan	1 <sup>st</sup>	3 hrs	Unit-IV : Regression. Concept of Regression, Linear Regression :	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	6 hrs	Regression lines, Regression coefficients and its properties, Regressions	-	-	-	-	-	Assignment Alloted	1hr	Yes	-	-
	4 <sup>th</sup>	6 hrs	lines for bi-variate data and simple problem Correlation VS Regression.	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	4 hrs	Unit-V Attributes: Notations, Class, order of class-frequencies	-	-	-	-	-	-	-	-	-	-
Feb	1 <sup>st</sup>	7 hrs.	Ultimate class frequencies, Consistency of data, Conditions for consistency	2x2 Contingency table.	Showing in PPT	1hr	Yes	-	-	-	-	-	-

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**CURRICULUM LECTURER WISE 2019 - 2020 - 23**

ANNUAL CURRICULAR					PLAN (Year)									
NAMR OF THE LECTURER					CLASS : I BSc MSc				Semester : I		Paper : Descriptive Statistics.			
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		
			of data for 2 & 3 attributes only, Independence of attributes,	-	-	-	-	-	-	-	-	-	-	
	2 <sup>nd</sup>	5 hrs	Association of attributes and its measures, Relationship between	-	-	-	-	-	-	-	-	-	-	
			association and Colligation of attributes, Contingency table :	-	-	-	-	-	-	-	-	-	-	
	3 <sup>rd</sup>	6 hrs	Square Contingency, mean square Contingency,	-	-	-	-	-	-	Assignment Alloted	1hr	yes	-	
	4 <sup>th</sup>	7 hrs.	Coefficient of mean square Contingency, Tschuprow's Coefficient	-	-	-	-	-	-	-	-	-	-	
			of Contingency.	-	-	-	-	-	-	-	-	-	-	

*R. Lakshmi Syamala*  
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE ~~2021-2022~~ 2022-2023

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER T.N.D. Ramya					CLASS : II - MSCS				Semester : III - SEM. Paper : STATISTICAL INFERENCE				
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	
Oct	4 <sup>th</sup>	3 hrs	UNIT - I Population, Sample, Parameter, static sampling distribution.	-	-	-	-	-	-	-	-	-	-
Nov	1 <sup>st</sup>	6 hrs	Standard Errors, Convergence in Probability and Convergence in	-	-	-	-	-	-	-	-	-	-
		2 hrs	distribution, law of large numbers, Central limit theorem (state	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	5 hrs	ments only) student's t-distribution, F distribution, $\chi^2$ -dist	student - t-distribution	showing in PPT	4hr	Yes	-	-	-	-	-	-
	3 <sup>rd</sup>	3 hrs	Definitions, properties and their applications.	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	2 hrs	UNIT - II Estimation of a Parameter, Criteria of a	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

T. Ramya

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R. Lalitha

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K. Lakshmi

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE ~~2021-2022~~ 2022-2023

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <i>T.N.D. Ramya</i>					CLASS : <i>II - MScs</i>				Semester : <i>III - SEM</i> Paper : <i>STATISTICAL INFERENCE</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>Good Estimator- unbiasedness, Consistency, Efficiency &amp; Sufficiency</i>	-	-	-	-	-	-	-	-	-	-
			<i>and Statement of Neyman's factorization theorem. Estimation of</i>	-	-	-	-	-	-	<i>Assignment allotted</i>	<i>1hr</i>	<i>yes</i>	-
<i>Nov</i>	<i>5th</i>	<i>3 hrs</i>	<i>Parameters by the method of moments and MLE. properties of</i>	-	-	-	-	-	-	-	-	-	-
<i>Dec</i>	<i>1st</i>	<i>3 hrs</i>	<i>MLE's Binomial, Poisson Normal population Parameters Estimate</i>	-	-	-	-	-	-	-	-	-	-
	<i>2nd</i>	<i>6 hrs</i>	<i>by MLE method, Confidence Intervals</i>	-	-	-	-	-	-	-	-	-	-
			<i>UNIT-III Testing of Hypothesis: concepts of statistical hypothesis</i>	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

*T. Ramya*

*R. Lalitha*  
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CURRICULUM LECTURER WISE ~~2019-2020~~ 2021-2022

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER T.N.D. Ramya					CLASS : II - MScS				Semester : III-SEM Paper : STATISTICAL INFERENCE				
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	
Dec	3 <sup>rd</sup>	6 hrs.	Null & alternative hypothesis. critical region, two types of errors, level of significance and power of a test. one and two-tailed test. Neyman-pearsion's lemma	-	-	-	-	-	-	-	-	-	-
			Examples in case of Bi-nomial, Poisson, Exponential & Normal distributions	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	5 hrs	UNIT-IV Large Sample test: Large sample test for single mean	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	6 hrs	and difference of two means, Confidence intervals for mean(s). Large	-	-	-	-	-	-	-	-	-	-
Jan	1 <sup>st</sup>	6 hrs	sample test for single proportion, difference of proportions.	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	3 hrs		-	-	-	-	-	-	-	-	-	-

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CURRICULUM LECTURER WISE ~~2021-2022~~ 2021-2023.

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER T.N.D. Ramya					CLASS : II MScS				Semester : II - SEM Paper : STATISTICAL INFERENCE				
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	
	th 4	3 hrs	standard deviation(s) and correlation Coefficient(s).	-	-	-	-	-	-	-	-	-	-
Feb	1st	2 hrs	Small sample test :- Test of single mean, difference of mean	-	-	-	-	-	-	-	-	-	-
	2nd	3 hrs	and paired t-test. $\chi^2$ -goodness of fit & independence of	-	-	-	-	-	-	-	-	-	-
			attributes. F-test for equality of variance.	-	-	-	-	-	-	-	-	-	-
	3rd	3 hrs	UNIT - II Non-parametric test Advant & disad, Comparison with parametric tests. measurement scale. One sample	-	-	-	-	-	-	-	-	-	-
	th 4	2 hrs	run, sign test, wilcoxon Signed rank test. TWO independent sample tests. wilcoxon, Mann-Whitney U, Wald Wolfowitz's test.	concept of Run, Sign, test	slowing in PPS	1 hr	Yes	-	-	-	-	-	-

Signature of the Lecturer

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: T.N.D. Ramya.					CLASS: III MScS <sub>2</sub> Semester: V-SEM				Paper: OPERATION RESEARCH - II				
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	4 <sup>th</sup>	6	UNIT-I Transportation Problems: Introduction mathematical formulation of T.P.	-	-	-	-	-	-	-	-	-	-
			Initial Basic feasible Solution of T.P.	-	-	-	-	-	-	-	-	-	-
			North-west corner rule	-	-	-	-	-	-	-	-	-	-
			Lowest cost entry method.	-	-	-	-	-	-	-	-	-	-
			Vogel's approximation method.	-	-	-	-	-	-	-	-	-	-
			Method of finding optimal solution - MODI method.	MODI - Method and it's feasible solution.	showing in ppt	1hr	Yes	-	-	-	-	-	-
	5 <sup>th</sup>	3	Degeneracy in T.P, Resolution of degeneracy	-	-	-	-	-	-	Assignment allotted	1hr	Yes	-
			unbalanced T.P, maximization T.P, Transshipment Problem.	-	-	-	-	-	-	-	-	-	-
			UNIT-II Assignment problem Introduction, mathematical formulation of A.P	-	-	-	-	-	-	-	-	-	-
			Reduction theorem, Hungarian method for solving Assignment problem.	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer: T. Ramya

Signature of the HOD: R. Lakshmi

Signature of the Principal: [Signature]

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER T. N. D. Ramya.					CLASS : III-MSCS2 Semester : IV-SEM				Paper : operation Research-II				
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	
Dec	1 <sup>st</sup>	3	unbalanced A.P. The Travelling salesman Problem.	Travelling salesman Problem	showing in ppt	1hr	Yes	-	-	-	-	-	-
			Formulation of Travelling salesman problem as A.P & solution procedure	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	6	UNIT -III Sequencing problem Introduction & assumptions of sequencing problem	-	-	-	-	-	-	-	-	-	-
			Sequencing of n-jobs & one machine problem	-	-	-	-	-	-	-	-	-	-
			Johnson's algorithm for n jobs two machines.	-	-	-	-	-	-	-	-	-	-
	III	6	Problems with n-jobs on two machines.	-	-	-	-	-	-	-	-	-	-
			algorithm for n jobs on three machines Problem.	-	-	-	-	-	-	-	-	-	-
			Problem with n-jobs on three machines	-	-	-	-	-	-	Assignment allotted	1hr	Yes	-
	IV	5	algorithm for n jobs on m machine, n jobson m machine Problems.	-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER T. N. D. Ramya.					CLASS : III - MSCS2 Semester : V - SEM				Paper : Operation Research - II				
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	
Dec	I	6 hrs	UNIT - IV : Network Scheduling Basic components of a NS nodes, arcs, Events, activities	-	-	-	-	-	-	-	-	-	-
			Rules of Network Construction.	-	-	-	-	-	-	-	-	-	-
Jan	II	6 hrs	Time calculations in Networks.	-	-	-	-	-	-	-	-	-	-
			Critical Path Method	-	-	-	-	-	-	-	-	-	-
	III	6 hrs	Project Evaluation & Review-technique (PERT).	PERT Concept	showing in PPT	1hr	Yes	-	-	-	-	-	-
			UNIT - V : Game Theory Two-person zero-sum games, pure & mixed strategies, Maximin & Minimax-principles.	-	-	-	-	-	-	-	-	-	-
	IV	6 hrs	Saddle point and it's Existence.	-	-	-	-	-	-	-	-	-	-
	V	6 hrs	Game without saddle point - Mixed strategies	-	-	-	-	-	-	-	-	-	-

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NAMR OF THE LECTURER T.N.D. Ramya.					CLASS : III - MScs <sub>2</sub> Semester : V - SEM.				Paper : operation Research				
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	2hrs	solution of $2 \times 2$ rectangular games.	-	-	-	-	-	-	Assignment allotted	4hr	Yes	-
Feb	II	2hrs	Graphical method of solving $2 \times n$ games	-	-	-	-	-	-	-	-	-	-
	III	6hrs	Graphical method of solving $m \times 2$ games	-	-	-	-	-	-	-	-	-	-
	IV	6hrs	Method of dominance Property	-	-	-	-	-	-	-	-	-	-

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CURRICULUM LECTURER WISE - 2020 - 23

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER R. LAKSHMI SYAMALA					CLASS : III BSc MSCs S-I&II				Semester : I		Paper : Operations Research - 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	
Dec	1 <sup>st</sup>	6 hrs	Unit - I Introduction of OR - Origin & development of O.R - Nature and features of OR - Scientific methods in OR - Modeling in OR -	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	7 hrs	Advantages and limitations of models General solution methods of OR models - Applications of operation Research.	-	-	-	-	-	-	Assignment allotted.	1hr	Yes	-
	3 <sup>rd</sup>	7 hrs	Linear programming Problem (LPP) - Mathematical formulation of the problem.	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	5 hrs	illustrations on mathematical - formulation of linear programming of Problem.	LPP formulation	Showing in PPT	1hr	Yes	-	-	-	-	-	-

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			Graphical solution of linear programming problems. Some exceptional	-	-	-	-	-	-	-	-	-
Jan	1 <sup>st</sup>	5 hrs	Cases- Alternative solutions, unbounded solution, non-existing feasible solutions by Graphical method.	Graphical method	Showing in PPT	1 hr	Yes	-	-	-	-	-
			Unit-II General linear programming problem (GLPP) Definition and matrix	-	-	-	-	-	-	-	-	-
			form of GLP problem, slack variable, surplus variable, unrestricted	-	-	-	-	-	Assignment allotted	1 hr	yes	-
			Variable, Standard form of LPP and Canonical form of LPP.	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)											
NAMR OF THE LECTURER					CLASS : III BSc MSCS S-I&II				Semester : I				Paper : Operations Research - 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				
	5 <sup>th</sup>	3hrs	Definitions of solution, Basic solution, Degenerate	-	-	-	-	-	-	-	-	-	-			
Feb	1 <sup>st</sup>	6hrs	Solution, Basic feasible solution and optimum basic feasible solution.	-	-	-	-	-	-	-	-	-	-			
			Introduction to Simplex method and Computational procedure of Simplex algorithm.	-	-	-	-	-	-	-	-	-	-			
	2 <sup>nd</sup>	6hrs	Solving LPP by Simplex method (Maximization case & Minimization case).	-	-	-	-	-	-	Assignment Alloted	1hr	yes	-			
	3 <sup>rd</sup>	6hrs	Unit-III - Artificial Variable technique - Big-M method and	-	-	-	-	-	-	-	-	-	-			
	4 <sup>th</sup>	6hrs	Two-phase Simplex method, Degeneracy in LPP and method to	Two-phase Simplex method	Showing in PPT	1hr	yes	-	-	-	-	-	-			

*R. Lakshmi Syamala*  
**Signature of the Lecturer**

*R. Lakshmi Syamala*  
**Signature of the HOD**

*[Signature]*  
**Signature of the Principal**



**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE - 2020 - 23**

ANNUAL CURRICULAR					PLAN (Year)				CO-CURRICULAR ACTIVITY			
NAMR OF THE LECTURER					CLASS : II MScs I & II				Semester : V			
R. LAKSHMI SYAMALA					Paper : Operations Research - 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
	5 <sup>th</sup>	2 hrs	Resolve degeneracy, Alternative solution, Unbounded solution,	-	-	-	-	-	-	-	-	-
			Non-existing feasible solution and Solution of Simultaneous equations	-	-	-	-	-	-	-	-	-
			by Simplex method	-	-	-	-	-	Assignment Alloted	1hr	yes	-
Mar	1 <sup>st</sup>	7 hrs	Unit - IV Duality in Linear programming - Concept of duality -	-	-	-	-	-	-	-	-	-
			Definition of primal and Dual problems, General rules for	Duality & Primal LPP	Showing in PPT	1hr	Yes	-	-	-	-	-
			Converting any primal into its Dual, Economic interpretation	-	-	-	-	-	-	-	-	-

*R. Lakshmi Syamala*  
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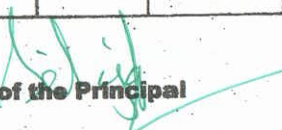
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU  
CURRICULUM LECTURER WISE - 2020 - 23

ANNUAL CURRICULAR					PLAN (Year)											
NAMR OF THE LECTURER					CLASS :				Semester :				Paper :			
R. LAKSHMI SYAMALA					III Bsc MSc-I & II				V				Operations Research - 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				
			of duality, Relation between the solution of primal and Dual	-	-	-	-	-	-	-	-	-	-	-		
			problem (Statements only). Using duality to solve	-	-	-	-	-	-	-	-	-	-	-		
			primal problem. Dual Simplex method.	-	-	-	-	-	-	Assignment Alloted	1hr	yes	-	-		
	2 <sup>nd</sup>	7hrs	unit 2 Postoptimal Analysis - Changes in Cost vector C, changes	-	-	-	-	-	-	-	-	-	-	-		
			in the Requirement Vector and changes in the coefficient	-	-	-	-	-	-	-	-	-	-	-		
	3 <sup>rd</sup>	2hrs	matrix A. Structural changes in a LPP.	-	-	-	-	-	-	Assignment Alloted	1hr	yes	-	-		

  
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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2022-2023**

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER <i>V. PRASANNA</i>					CLASS : <i>B.MSCS</i>		Semester : <i>2SEM</i>		Paper : <i>Human values &amp; Professional Ethics</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>II</i>	<i>2hrs</i>	<i>UNIT-1 Def. Introduction Importance, Process &amp; Classification of values</i>	-	-	-	-	-	-	-	-	-	-
	<i>III</i>	<i>2hrs</i>	<i>value education &amp; its Lines (guide lines)</i>	-	-	-	-	-	-	-	-	-	-
			<i>Process for value education.</i>	-	-	-	-	-	-	-	-	-	-
	<i>IV</i>	<i>2hrs</i>	<i>Provoking issues need for values</i>	-	-	-	-	-	-	-	-	-	-
	<i>V</i>	<i>1hr</i>	<i>Choice making</i>	-	-	-	-	-	-	-	-	-	-
<i>DEC</i>	<i>I</i>	<i>1hr</i>	<i>Classification of values.</i>	-	-	-	-	-	-	-	-	-	-

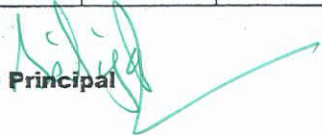
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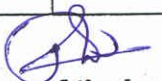


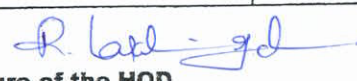
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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2022 - 2023**

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: <u>V. PRASANNA</u>					CLASS: <u>B.MSCS</u>		Semester: <u>I SEM</u>		Paper: <u>HUMAN VALUES AND PROFESSIONAL ETHICS</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	
Dec	2 <sup>nd</sup>	2hrs	UNIT-II Harmony in the family - Human relations - ships.	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	2hrs	* the basic unit of human interaction.	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	2hrs	the set of proposals to verify the harmony in the family.	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	1hr	Trust, respect as values of relationships	-	-	-	-	-	-	-	-	-	-
Jan	1 <sup>st</sup>	2hrs	Present scenario Disrespect in relationships on the basis	-	-	-	-	-	-	-	-	-	-
	3	2hrs	of body physical facilities (as) beliefs	-	-	-	-	-	-	-	-	-	-

  
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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE ~~2019-2020~~ 2022-2023**

ANNUAL CURRICULAR					PLAN (Year)											
NAMR OF THE LECTURER ✓ PRASANNA					CLASS : 2MBCS				Semester : 2SEM				Paper : Human values & Professional Ethics			
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	5	1hrs	the Problems faced due to differential in Relationship	-	-	-	-	-	-	-	-	-	-			
Feb	1	1hrs	The roomaney in the Society, Samadhar Samadhi, Abhaysha	-	-	-	-	-	-	-	-	-	-			
	2	2hrs	visualising a universal harmonious order in society	-	-	-	-	-	-	-	-	-	-			
			Undivided society Universal order.	-	-	-	-	-	-	-	-	-	-			
	3	2hrs	UNIT-3: PROFESSIONAL ETHICS IN EDUCATION	-	-	-	-	-	-	-	-	-	-			
	4	2hrs	Professional Integrity Respect & Equality	-	-	-	-	-	-	-	-	-	-			

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE ~~2022~~ - ~~2023~~ 2022-2023**

ANNUAL CURRICULAR					PLAN (Year)											
NAMR OF THE LECTURER <i>V. PRASANNA</i>					CLASS : <i>IMBCS</i>				Semester : <i>I</i>				Paper : <i>HUMAN VALUES AND PROFESSIONAL ETHICS</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>Mar</i>	<i>1st</i>	<i>2 hrs</i>	<i>Privacy, Building Trusting relationships</i>	-	-	-	-	-	-	-	-	-	-			
			<i>The Concepts of Positive co-operation.</i>	-	-	-	-	-	-	-	-	-	-			
	<i>2nd</i>	<i>2 hrs</i>	<i>Understanding about taking initiative</i>	-	-	-	-	-	-	-	-	-	-			
			<i>and Promoting the culture of openness</i>	-	-	-	-	-	-	-	-	-	-			
			<i>Loyalty to words Goals &amp; objectives</i>	-	-	-	-	-	-	-	-	-	-			

Signature of the Lecturer *[Signature]*

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