

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER R. LAKSHMI SYAMALA					CLASS : <u>IMsc - I &amp; II</u> Semester : <u>II Sem</u>				Probability and Paper : <u>Probability distributions</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	
July	1 <sup>st</sup>	3 hrs	Unit-I Introduction to Probability : Basic Concepts of probability,	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	5 hrs	random experiments, trail, outcome, sample space, event, mutually exclusive & exhaustive events, equally likely and favourable outcomes.	-	-	-	-	-	-	-	-	-	-
			Mathematical, Statistical, Axiomatic definitions of Probability. Conditional	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	7 hrs	probability and independence of events. Addition and multiplication theorems of	-	-	-	-	-	-	-	-	-	-
			probability for 2 & for n events. Boole's inequality and Baye's theorem	-	-	-	-	-	-	-	-	-	-
			and its applications in real life problems.	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	6 hrs	Unit-II Random Variable : Definition of R.V,	-	-	-	-	-	-	Assignment allotted	1 hr	yes	-
			discrete & Continuous random Variables, functions of R.V.	-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER R.L.SYAMALA					CLASS : 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	
			PMF, PDF, DF and its properties. For given pmf, pdf	-	-	-	-	-	-	-	-	-	-
			calculation of moments, Coefficient of Skewness and kurtosis. Bivariate	-	-	-	-	-	-	-	-	-	-
	5th	5th	5th Thrs Random Variable - meaning, Joint, marginal and Conditional	-	-	-	-	-	-	-	-	-	-
			distributions, independence of Random Variables and	-	-	-	-	-	-	-	-	-	-
			Simple problems. Unit-III	-	-	-	-	-	-	Assignment allotted	1hr	yes	-
Aug	1st	7hrs	Mathematical Expectations M.E of a random variable and function of $\omega$	-	-	-	-	-	-	-	-	-	-
			Random Variable. Moments and Covariance using M.E with examples	-	-	-	-	-	-	-	-	-	-
			Addition & Multiplication Theorems on expectation. Definitions of MGF,	-	-	-	-	-	-	-	-	-	-
	2nd	7hrs	CGF, PGF, CF and their properties. Chebyshev and Cauchy-Schwartz	-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: R. LAKSHMI SYAMALA					CLASS: <u>IMScs-I</u> Semester: <u>II</u> Paper: <u></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	
	3 <sup>rd</sup>	5 hrs	Inequalities. <u>Unit-IV</u> Discrete distributions	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	7 hrs	Binomial, poisson, negative Binomial, Geometric distributions	Binomial distn	Showing in PPT	1hr	yes	-	-	-	-	-	-
			Definitions, means, Variances, MGF, CF, CGF, PGF, additive property if exists.	-	-	-	-	-	-	-	-	-	-
Sep	1 <sup>st</sup>	4 hrs	Poisson approximation to Binomial distribution	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	6 hrs	Hyper geometric distribution: Definition, mean & variance.	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	7 hrs	<u>Unit-V</u> Continuous distributions.	-	-	-	-	-	-	Assignment allotted	1hr	yes	-
	4 <sup>th</sup>	6 hrs	Rectangular, Exponential, Gamma, Beta distributions: mean, Variance, MGF, CGF, CF.	-	-	-	-	-	-	-	-	-	-
			Normal distribution: Definition, importance, Properties, MGF, CF, additive property.	-	-	-	-	-	-	-	-	-	-
Oct	1 <sup>st</sup>	6 hrs		-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER R. LAKSHMI SYAMALA					CLASS : II MSc(A) Semester : W - 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	
May	1st	1hr	Unit - I Theory of Estimation Estimation of a parameter, criteria of a good estimator. Unbiasedness, Consistency, efficiency &	-	-	-	-	-	-	-	-	-	-
	2nd	7hrs	Sufficiency. Statement of Neyman's factorization theorem.	-	-	-	-	-	-	-	-	-	-
	3rd	5hrs	Estimation of parameter's by the method of moments and MLE, properties of MLE. Binomial, Poisson and Normal	-	-	-	-	-	-	-	-	-	-
	4th	7hrs	Population. Parameters estimate by M-L method.	-	-	-	-	-	-	-	-	-	-
	5th	7hrs	Confidence Intervals of the parameters of Normal population.	-	-	-	-	-	-	-	-	-	-
June	1st	5hrs	Unit - II Concepts of Statistical hypothesis - Null & Alternative hypothesis, Critical region,	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER R.L.SYAMALA					CLASS : 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	
			two types of errors, level of significance, power of a test.	-	-	-	-	-	-	-	-	-	-
	2nd	6hrs	One-tailed, two-tailed tests. Neymann pearson's lemma.	one-tailed and two-tailed tests	Showing in PPT	1hr	yes	-	-	-	-	-	-
	3rd	7hrs	Examples of Binomial, Poisson and Normal distribution.	-	-	-	-	-	-	-	-	-	-
	4th	7hrs	Unit-III Large sample tests. Large sample	-	-	-	-	-	-	-	-	-	-
	5th	4hrs	tests for single mean, two means, single proportion.	-	-	-	-	-	-	-	-	-	-
July	1st	3hrs	Two proportions. S.D of single & double	-	-	-	-	-	-	-	-	-	-
	2nd	5hrs	Samples and Fisher's Z-transformation.	-	-	-	-	-	Assignment allotted	1hr	yes	-	-
	3rd	7hrs	Unit-IV Small sample tests: Test of significance	-	-	-	-	-	-	-	-	-	-
			based on $\chi^2$ , t & F. $\chi^2$ -test for independence of attributes.	-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER					CLASS : <u>II MScs (2)</u> Semester : <u>IV</u> Paper : <u>Statistical Inference</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	
	4 <sup>th</sup>	6hrs	t-test for single, double and paired tests.	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	7hrs	Variance ratio test.	Difference between large & small sample theory.	1hr	1	yes	-	-	-	-	-	-
			Practicals.	-	-	-	-	-	-	-	-	-	-
Aug	1 <sup>st</sup>	7hrs	Unit-V non-parametric tests	-	-	-	-	-	-	-	-	-	-
			Advantages & disadvantages,	-	-	-	-	-	-	-	-	-	-
			Two sample Run test.	Difference between Parametric & Non-parametric	yes	1hr	Showing in PPT	-	-	-	-	-	-
	2 <sup>nd</sup>	7hrs	Two sample median test.	-	-	-	-	-	-	-	-	-	-
			and Two sample sign test.	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	5 hrs	Practicals.	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	7hrs	Practical problems	-	-	-	-	-	-	-	-	-	-

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*R. Lalitha*

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**CURRICULUM LECTURER WISE 2020 - 2021**

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <b>V. PRASANNA</b>					CLASS : <b>B.Com (V, V2)</b>			Semester : <b>4<sup>th</sup></b>		Paper : <b>Business Analytics</b>			
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>	2hrs	<u>UNIT-2 AUTOMATED DATA</u> Tabulation & Cross	Bivariate	showing in ppt	1hr	yes	-	-	-	-	-	-
	2 <sup>nd</sup>	3hrs	tabulation of data univariate Bivariate & multivariate data	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	2hrs	analysis - MANOVA	-	-	-	-	-	-	-	-	-	-
June	1 <sup>st</sup>	3hrs	<u>UNIT-3</u> <u>HYPOTHESIS TESTING</u> TYPE 1 & TYPE 2	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	2hrs	Errors, T-test ANOVA, Chi square and Correlation.	-	-	-	-	-	-	Assignment allotted	-	-	-
	4 <sup>th</sup>	3hrs	Linear regression analysis - Logistic	-	-	-	-	-	-	-	-	-	-

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**CURRICULUM LECTURER WISE 2020- 2021**

ANNUAL CURRICULAR					PLAN (Year)									
NAMR OF THE LECTURER <u>V. PRASANNA</u>					CLASS : <u>B.Com V. Yr</u>				Semester : <u>4<sup>th</sup></u>		Paper : <u>Business Analytics</u>		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		
July	1 <sup>st</sup>	3hrs	Regression-cluster analysis market basket Analysis	-	-	-	-	-	-	-	-	-		
	3 <sup>rd</sup>	7hrs	UNITS : SPSS PACKAGES	-	showing in PPT	1hr	yes	-	-	-	-	-		
	4 <sup>th</sup>	6hrs	Statistical Process for social & science	-	-	-	-	-	-	-	-	-		
Aug	1 <sup>st</sup>	3hrs	applications & case studies	-	-	-	-	-	-	-	-	-		

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ANNUAL CURRICULAR					PLAN (Year) Elective: Optimization Techniques								
NAMR OF THE LECTURER R. LAKSHMI SYAMALA					CLASS : III MScs I & II Semester : VI - Sem								
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 hr.	Unit-I Operations Research Origin & development of O.R, Nature and	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	3 hrs	features of O.R, Scientific methods and modeling in O.R	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	3 hrs	Advantages and limitations of models, general	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	3 hrs	Solution method for O.R models.	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	4 hrs	Unit-II LPP definition, Components, basic	-	-	-	-	-	-	Assignment Alloted	1hr	yes	-
June	1 <sup>st</sup>	2 hrs	assumptions, Mathematical formulation of the problem.	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	3 hrs	illustrations on mathematical formulation of LPP.	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	3 hrs	LPP Graphical solution method, Some exceptional cases in	Graphical method	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	3 hrs	Graphical method: Alternative optima,	-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER R.L.SYAMALA					CLASS : 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	
			Unbounded solution and infeasible solution.	+	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	2 hrs	Unit -III LPP Simplex method -I	-	-	-	-	-	-	-	-	-	-
July	1 <sup>st</sup>	1 hr	General LPP, objective function, Constraints,	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	3 hrs	Non-negative restrictions solution of LPP, feasible	-	-	-	-	-	Assignment allotted	1 hr	Yes	-	-
	3 <sup>rd</sup>	3 hrs	Solution and Optimum solution, Canonical and Standard forms	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	3 hrs	of LPP. Basic solution definition, degenerated	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	3 hrs	Solution, basic feasible solution, Associated cost vector.	-	-	-	-	-	-	-	-	-	-
			Improved basic feasible solution optimum basic feasible solution	-	-	-	-	-	-	-	-	-	-
			and net evaluation, fundamental theorems	-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER R.L. SHAMALA					CLASS : III MSc (1) & (2)				Semester : VI - Sem		Paper : Optimization Techniques		
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 LPP, the Computational procedure.	-	-	-	-	-	-	-	-	-	-
			Simplex algorithm, Simple Linear programming problems.	Simplex method	Showing in ppt	-	-	-	-	-	-	-	-
Aug	Aug		Unit-IV : LPP Simplex method - II	-	-	-	-	-	-	-	-	-	-
	1st	3hrs	Artificial variable technique, the Big-M method (or) Penalties, degeneracy, Alternative	-	-	-	-	-	-	-	-	-	-
			optimal, unbounded solutions.	-	-	-	-	-	-	- Assignment Alloted	-	-	-
			Practicals problems Non-existing (or)	-	-	-	-	-	-	-	-	-	-
	2nd	3hrs	In-feasible solutions practical problems.	-	-	-	-	-	-	-	-	-	-

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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	
			Unit - V Duality in LPP	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	4 hrs	General primal-dual pair, formulating	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	4 hrs	a dual problem. Primal - dual pair in matrix form. Duality.	Fundamental theorem of duality	yes	1hr	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-

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CURRICULUM LECTURER WISE 2020 - 21

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER V. PRASANNA					CLASS : III M.S.C.B (1) & (2)		Semester : VI-SEM		Paper : STATISTICS - CLUSTER-I 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	
May	1 <sup>st</sup>	1hr	UNIT-I Revised simplex method Algorithm simple Problems (2 & 3 variables)	-	-	-	-	-	-	assignment allotted	1hr	yes	-
	2 <sup>nd</sup>	3hrs	Simplex method vs Revised simplex method	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	3hrs	Bounded variables - Computation Procedure, Simple Problems.	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	4hrs	UNIT-II L.P formulation of Transportation Problem Tabular representation	-	-	-	-	-	-	-	-	-	-
June	1 <sup>st</sup>	2hrs	IBFS to transportation Problem by using North-west Corner Rule	North west Corner Rule & Algorithm	showing in ppt	1hr	yes	-	-	-	-	-	-
	2 <sup>nd</sup>	3hrs	IBFS to transportation Problem using least Cost method	-	-	-	-	-	-	-	-	-	-

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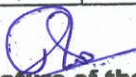
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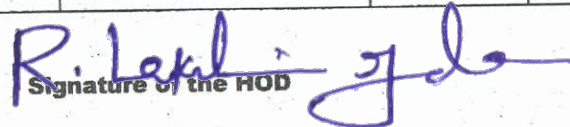


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CURRICULUM LECTURER WISE 2020 - 21

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER					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	
			IBFS to transportation Problem by using Vogel's approximation method	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	3hrs	UNIT-III Optimality test transportation Problem algorithm - MODI method	MODI- method	Showing in PPT	1 hr	yes	-	-	-	-	-	-
	4 <sup>th</sup>	3hrs	Degeneracy in transportation Problem Algorithm by using Problems.	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	2hrs	UNIT-IV mathematical formulation of the Problem by using Hungarian method	-	-	-	-	-	-	-	-	-	-
July	1 <sup>st</sup>	1hr	Hungarian method box Assignment Problem special cases in A.P	-	-	-	-	-	-	assignment allotted	1hr	yes	-
	2 <sup>nd</sup>	3hrs	Unbalanced A.P maximization case A.P Problem.	-	-	-	-	-	-	-	-	-	-

  
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CURRICULUM LECTURER WISE 2020 - 21

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER V. PRASANNA					CLASS : III M.S.CB (1) & (2)		Semester : VI-SEM		Paper : STATISTICS - CLUSTER-I 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	
	3 <sup>rd</sup>	3 hrs	PRACTICALS	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	3 hrs	Travelling sales man Problem & Practicals	-	-	-	-	-	Assignment allotted	1hr	yes	-	-
	5 <sup>th</sup>	3 hrs	UNIT-V Problems of sequencing Principal assumptions	-	-	-	-	-	-	-	-	-	-
Aug	1 <sup>st</sup>	3 hrs	Processing n jobs through 2-machines & 3-machines.	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	4 hrs	Johnson's optimal sequences algorithm	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	3 hrs	Processing n-jobs through k-machines, algorithm Problems.	-	-	-	-	-	-	-	-	-	-

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CURRICULUM LECTURER WISE 2020 - 2021

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER B. SONIYA					CLASS : III MScB (1) & (2)		Semester : VI SEM		Paper : STATISTICS - CLUSTER - II Operations 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	
May	1 <sup>st</sup>	1hr	UNIT-I Introduction, two person zero sum games, some basic terms, maxima	two person zero sum game	showing in ppt	1hr	yes	-	-	-	-	-	-
	2 <sup>nd</sup>	3hrs	minima Principle. Games without saddle Point - mixed strategies	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	3hrs	Graphical solutions of 2xN and mx2 games Dominance Property	-	-	-	-	-	-	-	-	-	-
			UNIT-II Basic concepts of an Inventory Problems. Types of Inventories	-	-	-	-	-	-	assignment allotted	1hr	yes	-
	5 <sup>th</sup>	4hrs	Cost associated with inventories, factors affecting inventory control.	-	-	-	-	-	-	-	-	-	-
June	1 <sup>st</sup>	2hrs	Concept of EOQ, deterministic inventory Problems.	-	-	-	-	-	-	-	-	-	-

B. Soniya  
Signature of the Lecturer

Signature of the HOD *R. Lalajal*

Signature of the Principal *[Signature]*



SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2020 - 21

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER B.SONIYA					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	
	2 <sup>nd</sup>	3hrs	Price breaks, Problems of EOQ with one Price break.	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	3hrs	Price breaks, Problems EOQ with more than one Price break simple Problems	-	-	-	-	-	Assignment allotted	1hr	yes	-	-
	4 <sup>th</sup>	3hrs	Probabilistic inventory models, Instantaneous demand.	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	2hrs	No setup cost model, Discrete case & continuous case, News Paper boy Problem	-	-	-	-	-	-	-	-	-	-
July	1 <sup>st</sup>	1hr	UNIT-IV Basic steps in PERT/CPM techniques	CPM/PERT	Showing in ppt	1hr	yes	-	-	-	-	-	-
	2 <sup>nd</sup>	3hrs	Basic Components, Logical sequencing, emons drawing networks, Rules base	-	-	-	-	-	-	-	-	-	-

B. Soniya  
Signature of the Lecturer

R. Lakshmi  
Signature of the HOD

Signature of the Principal




**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020 - 21**

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: B. SONIYA					CLASS: III MScs (1) & (2)		Semester: VI-SEM		Paper: STATISTICS - CLUSTER - II Operations 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	
	3 <sup>rd</sup>	3hrs	network constructions CPM, forward pass, backward pass method	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	3hrs	Determination of floats and slack times	-	-	-	-	-	-	-	-	-	-
	5 <sup>th</sup>	3hrs	UNIT - II Probability consideration PERT diff b/w CPM & PERT	-	-	-	-	-	-	-	-	-	-
Aug	1 <sup>st</sup>	3hrs	Application of network techniques, limitations & difficulties in using network.	-	-	-	-	-	assignment allotted	thru	yes	-	-
	2 <sup>nd</sup>	4hrs	network, Project cost, Time cost	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	3hrs	Algorithm for an optimization.	-	-	-	-	-	-	-	-	-	-

B. Soniya  
Signature of the Lecturer

R. Lalitha  
Signature of the HOD

  
Signature of the Principal



SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2020 - 21

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER R. LAKSHMI SYAMALA					CLASS : III MScs (1) & (2)				Semester : VI Sem Paper : STATISTICS CLUSTER PROJECT				
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 hr	Guide lines for project of the cluster	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	3 hrs	Evaluation patterns of project work	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup>	2 hrs	Discuss about 3 internal Seminars	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup> & 5 <sup>th</sup>	3+4 = 7 hrs	Introduction, Selection of the topic, AIM and Objective.	-	-	-	-	-	-	-	-	-	-
June	1 <sup>st</sup>	2 hrs	preparing questionnaire	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	3 hrs											
	3 <sup>rd</sup> & 4 <sup>th</sup>	3 hrs & 3 hrs	Review of Information	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer R. Lakshmi Syamala

Signature of the HOD R. Lakshmi Syamala

Signature of the Principal



**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020 - 21**

ANNUAL CURRICULAR					PLAN (Year)							
NAMR OF THE LECTURER R.L.SYAMALA					CLASS :	Semester :	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
July	5th 1,2 & 3rd	2hrs +3+3 =7hrs	Survey of the project	-	-	-	-	-	-	-	-	-
	4th	3hrs	Coding of the project Survey	-	-	-	-	-	-	-	-	-
	5th	3hrs	Enter the data in SPSS	-	-	-	-	-	-	-	-	-
			Methodology	-	-	-	-	-	-	-	-	-
Aug	1st	3hrs	Analysis & discussion	-	-	-	-	-	-	-	-	-
	2nd	3hrs	Suggestions & Conclusion	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

*R. Lalajal*

Signature of the HOD

*R. Lalajal*

Signature of the Principal

*Selvi*