

ANNUAL CURRICULAR

NAMR OF THE LECTURER T.N.D. Ramya.

PLAN (Year)

CLASS : I MScs Semester : II - SEM.

Paper : Probability and Probability distribution

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	3 rd	5 hrs	<u>UNIT - I Introduction to Probability: Basic concepts of probability</u> random Experiments, trial, outcome, Sample	-	-	-	-	-	-	-	-	-	-
			Space, Even, mutually Exclusive Exhaustive Equally likely and favourable outcomes,	-	-	-	-	-	-	-	-	-	-
	4 th	6 hrs	Mathematical, statistical, axiomatic definition of probability	-	-	-	-	-	-	-	-	-	-
			Conditional probability and Independence of Events. Addition & Multiplication - theorem of Probability for 2 & n Events	-	-	-	-	-	-	-	-	-	-
	5 th	4 hrs	Boole's inequality & Bayes' theorem and its application in real life problems	-	-	-	-	-	-	-	-	-	-
			<u>UNIT - II Random Variable</u> Definition of s.v, discrete and Continuous s.v	Bayes' theorem and its application	showing in ppt.	1hr	Yes	-	-	-	-	-	-

Signature of the Lecturer

T. Ramya

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R. Lal

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ANNUAL CURRICULAR

NAME OF THE LECTURER T. N. D. Ramya

PLAN (Year)

CLASS : IMSCS Semester : II - SEM.

Paper : Probability & Probability distributions.

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 st	2 hrs	function of s.v. Probability mass function. Pdf Distribution function	-	-	-	-	-	-	-	-	-	-
			its properties. For given pmf, pdf calculation of moments	-	-	-	-	-	-	-	-	-	-
	2 nd	6 hrs	coefficient of skewness and kurtosis. Bi-variate Random Variable -	-	-	-	-	Assignment allotted	4 hr	Yes	-	-	-
			meaning, joint, marginal & conditional dist. Independence of s.v. Simple prob	-	-	-	-	-	-	-	-	-	-
	3 rd	6 hrs	UNIT - III Mathematical Expectation - of a random variable & function of a s.v. Moments and co-variance using M.E with examples	-	-	-	-	-	-	-	-	-	-
			Addition & Multiplication theorem of Expectation.	-	-	-	-	-	-	-	-	-	-
	4 th	6 hrs	Definition of MGF, CGF PGF, CF and their properties.	-	-	-	-	-	-	-	-	-	-
			Chebyshev & Cauchy-Schwarz Inequalities	-	-	-	-	-	-	-	-	-	-
	5 th	6 hrs		-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR

NAME OF THE LECTURER T.N.D. Ramya

PLAN (Year)

CLASS : I MScs

Semester : II-SEM

Probability and Probability Distribution

Paper : Distribution

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	
August	1 st	6 hrs	<u>UNIT - IV Discrete Distributions :</u> Binomial, Poisson, Negative Binomial, Geometric distribution	Binomial Distribution	Showing in PPT	1hr	Yes	-	-	-	-	-	-
	2 nd	4 hrs	Definitions, mean, Variances, M.G.F,	-	-	-	-	-	-	-	-	-	-
	3 rd	6 hrs	C.G.F, P.G.F, additive property if exists.	-	-	-	-	-	-	-	-	-	-
			Poisson approximation to Binomial distribution	-	-	-	-	-	-	-	-	-	-
	4 th	6 hrs	Hyper-geometric distribution: Definition, mean and variance.	-	-	-	-	-	-	-	-	-	-
	5 th	3 hrs	<u>UNIT - V Continuous Distribution</u> Rectangular, Exponential	-	-	-	-	-	-	-	-	-	-

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T. Ramya

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R. Lal-gd

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ANNUAL CURRICULAR					PLAN (Year) <i>Probability and Probability-distribution</i>								
NAME OF THE LECTURER <i>T.N.D. Ramya</i>					CLASS : <i>IMSCS</i> Semester : <i>A-SEM</i>				Paper : <i>distribution</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>September</i>	<i>1st</i>	<i>3 hrs</i>	<i>Gamma, Beta distribution:</i>	-	-	-	-	-	-	-	-	-	-
			<i>Mean, Variance, M.G.F C.G.F, C.F.</i>	-	-	-	-	-	-	-	-	-	-
	<i>2nd</i>	<i>6 hrs</i>	<i>Normal distribution</i>	-	-	-	-	<i>Assignment Allotted</i>	<i>1hr</i>	<i>Yes</i>	-	-	-
			<i>Definition</i>	-	-	-	-	-	-	-	-	-	-
			<i>Importance, Properties</i>	-	-	-	-	-	-	-	-	-	-
			<i>M.G.F, C.F, additive property</i>	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer
T.N.D. Ramya

Signature of the HOD *R. Lalitha*

Signature of the Principal *H. Lakshmi*

ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER: T.N.D. Ramya					CLASS: II MScS				Semester: IV - SEM			
					CURRICULAR ACTIVITY				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
May	2 nd	5 hrs.	Concept of systematic sampling:- definition when $N = nk$ and its merits & demerits of systematic sampling - Estimate of mean & its variance	-	-	-	-	-	-	-	-	-
			Comparison of systematic sampling with stratified and SRSWOR.	-	-	-	-	-	-	-	-	-
June	1 st	4 hrs	UNIT-III - ANOVA ANOVA definition & assumptions. one-way with equal & unequal classification.	ANOVA definition assumptions one-way	Showing in ppt	1hr	yes	-	-	-	-	-
	2 nd	6 hrs	Design of Experiments: Definition, principles of design of Experiments	-	-	-	-	-	-	-	-	-
	3 rd	6 hrs	CRD: layout, advantages and dis-advantages.	-	-	-	-	-	Assignment allotted	1hr	yes	-
	4 th	6 hrs	Statistical analysis of Completely Randomized design (C.R.D).	-	-	-	-	-	-	-	-	-
			UNIT-IV:- Randomized block design (R.B.D) and LSD.	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)				sampling techniques & design of Experiment				
NAMR OF THE LECTURER T.N.D. Ramya					CLASS : II MScs Semester : IV - SEM				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	
Aug	1 st	6 hrs	Layouts and Analysis of R.B.D & L.S.D.	concept of RBD	Showing in ppt	1hr	Yes	-	-	-	-	-	-
			Missing plot techniques RBD and LSD.	-	-	-	-	-	-	-	-	-	-
			Efficiency RBD over CRD, Efficiency of LSD over RBD & CRD.	-	-	-	-	-	-	Assignment allotted	1hr	Yes	-
	2 nd	6 hrs	UNIT - V :- Factorial Experiments: Main Effects and interaction Effects of 2^2 and 2^3	-	-	-	-	-	-	-	-	-	-
			Factorial Experiments and their statistical Analysis.	-	-	-	-	-	-	-	-	-	-
			Yate's procedure to find factorial effect totals.	-	-	-	-	-	-	-	-	-	-

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R. Lalitha

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ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER R. LAKSHMI SYAMALA					CLASS : IIMScs I&II Semester : IV Paper : Applied 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	
May	2 nd	5 hrs	Unit-I Time Series: Time series and its components with illustrations, additive, multiplicative models.	-	-	-	-	-	-	-	-	-	-
			Trend: Estimation of trend by free hand curve method; method of semi averages.	-	-	-	-	-	-	-	-	-	-
	3 rd	6 hrs	Determination of Trend by least squares	-	-	-	-	-	-	-	-	-	-
			(Linear trend, parabolic trend only), moving averages method.	-	-	-	-	-	-	-	-	-	-
June	1 st	4 hrs	Unit-II Seasonal Component	-	-	-	-	-	-	-	-	-	-
	2 nd	6 hrs	Determination of Seasonal Indices by simple averages method, ratio to moving average, Ratio to trend and Link relative methods,	Simple averages method	-	-	-	-	-	-	-	-	-
	3 rd	6 hrs	De-seasonalization.	-	-	-	-	-	-	-	-	-	-
	4 th	6 hrs		-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)											
NAMR OF THE LECTURER R.L. SYAMALA					CLASS : IIMS(1)&(2)				Semester : I				Paper : Applied 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				
	5 th	4 hrs	Unit-III Growth curves: Modified exponential curve, logistic curve	-	-	-	-	-	-	Assignment allotted	1hr	yes	-			
July	1 st	2hrs	and Gompertz Curve fitting of growth curves	-	-	-	-	-	-	-	-	-	-			
	2 nd	6 hrs	by the method of three selected points and partial Sums. Detrending.	-	-	-	-	-	-	-	-	-	-			
			Effect of elimination of trend on other components of the time series.	-	-	-	-	-	-	-	-	-	-			
	3 rd	6hrs	Unit-IV Index Numbers	P.No's	Showing in PPT	1hr	yes	-	-	-	-	-	-			
			Concept, Construction, problems involved in the construction of	-	-	-	-	-	-	-	-	-	-			
			index numbers, uses and limitations. Simple and weighted.	-	-	-	-	-	-	-	-	-	-			
	4 th	6hrs	index numbers. Las payer's, Paasche's	-	-	-	-	-	-	-	-	-	-			
			and Fisher's index numbers, Criterion of a good index number,	-	-	-	-	-	-	-	-	-	-			

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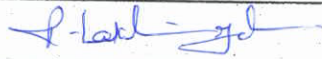
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE ~~2020~~ 2020-22

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	
			Fisher's ideal index numbers. Cost of living index number	-	-	-	-	-	-	-	-	-	-
			and wholesale price index number. Unit - V	-	-	-	-	-	-	Assignment allotted	1 hr	Yes	-
	5 th	6 hrs	vital Statistics : Introduction, definition	-	-	-	-	-	-	-	-	-	-
			and Uses of vital Statistics, Sources of vital Statistics.	-	-	-	-	-	-	-	-	-	-
Aug	1 st	6 hrs	Measures of different mortality and fertility rates, measurement	-	-	-	-	-	-	-	-	-	-
			of population growth. Life tables:	Life tables	Showing in PPT	1 hr	yes	-	-	-	-	-	-


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CURRICULUM LECTURER WISE 2021-22

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
			Construction and uses of life tables	←	←	←	←	←	←	←	←	←

R. Lalitha
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ANNUAL CURRICULAR				PLAN (Year)									
NAMR OF THE LECTURER R. LAKSHMI SYAMALA				CLASS : <u>IIIMScs I&II</u> Semester : <u>VI</u> Elective					Paper : <u>Optimization Techniques.</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	4 th	6 hrs	Unit-I Operations Research: origin & development of OR, nature & features	-	-	-	-	-	-	-	-	-	-
	5 th	6 hrs	of OR, Scientific method and modeling in OR, advantages and limitations of models, general solution method for OR models.	-	-	-	-	-	-	-	-	-	-
May	2 nd	5 hrs	Unit-II (LPP) Definition, Components	-	-	-	-	-	-	-	-	-	-
	3 rd	6 hrs	basic assumptions, mathematical formulation of LPP. LPP graphical solution method, some exceptional cases	-	-	-	-	-	-	-	-	-	-
June	1 st	4 hrs	in graphical method- Alternative optima,	Graphical method	Showing in ppt	1hr	Yes	-	-	-	-	-	-
	2 nd	6 hrs	unbounded solution and infeasible solution.	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer *R. Lakshmi Syamala*

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ANNUAL CURRICULAR R.L.Syamala					PLAN (Year)								
NAME OF THE LECTURER					CLASS : III MSCs				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	
			UNIT-III LPP Simplex method - I	-	-	-	-	-	-	-	-	-	-
June	3 rd	6 hrs	General LPP, objective function, constraints, non-negative restrictions, solution of LPP, feasible solution and optimum	-	-	-	-	-	-	-	-	-	-
	4 th	6 hrs	Solution, Canonical & Standard forms of LPP, basic solution- definition, degenerated solution, basic feasible solution, Associated cost vector, Improved basic feasible solution, Optimum basic feasible solution and net evaluations,	-	-	-	-	-	-	-	-	-	-
	5 th	4 hrs	fundamental theorem of LPP, the computational procedure - Simplex algorithm,	-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER: R. LAKSHMI SYAMALA					CLASS: III MSc & I & II Semester: VI				Elective			
					CURRICULAR ACTIVITY				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
			Simple linear programming problems.	-	-	-	-	-	-	-	-	-
July	1 st	2 hrs	Unit-IV LPP Simplex method - II	-	-	-	-	-	-	-	-	-
			Artificial variable technique, the Big-M method (or) penalties,	-	-	-	-	-	-	-	-	-
	2 nd	6 hrs	degeneracy, Alternative optima, Unbounded solutions, non-existing (or) infeasible solutions.	-	-	-	-	-	-	-	-	-
			Unit-V Duality in Linear programming	-	-	-	-	-	-	-	-	-
	3 rd	6 hrs	General primal-Dual pair, formulating a dual problem, primal-Dual pair in matrix form, duality.	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	Assignment Alloted	1 hr	yes	-
				-	-	-	-	-				

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ANNUAL CURRICULAR

PLAN (Year)

NAMR OF THE LECTURER V. PRASANNA

CLASS : III M.B.C.S.1.2 Semester : VI SEM

Operations Research - I
Paper : Cluster (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 st	2 hrs	UNIT-1: LPP Revised simplex method algorithm.	Revised simplex method	showing in PPT	3 hrs	yes	-	-	-	-	-	-
	2 nd	3 hrs	Simple Problems (2 & 3 variables)	-	-	-	-	-	-	-	-	-	-
	4 th	3 hrs	Simplex method Vs Revised simplex method	-	-	-	-	-	-	-	-	-	-
	5 th	4 hrs	Computational Procedure simple Problems (2 & 3 variables).	-	-	-	-	-	-	-	-	-	-
June	1 st	2 hrs	UNIT-2: Transportation Problem.	-	-	-	-	-	-	-	-	-	-
	2 nd	3 hrs	LP formulation of the transportation Problem	-	-	-	-	-	-	-	-	-	-
	3 rd	3 hrs	tabular representation Initial basic feasible	-	-	-	-	-	-	-	-	-	-
	4 th	3 hrs	Solution to the transportation Problem.	-	-	-	-	-	-	-	-	-	-
	5 th	2 hrs	North west Corner Rule Least Cost method	-	-	-	-	-	-	-	-	-	-
									assignment allotted	1 hr	yes		

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ANNUAL CURRICULAR					PLAN (Year)								
NAME 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	
July	1 st	1 hr	Google's approximation method. solved Problems	-	-	-	-	-	-	-	-	-	-
	2 nd	3 hrs	UNIT-3: T.P The optimality test	-	-	-	-	-	-	-	-	-	-
	3 rd	2 hrs	transportation algorithm modi method.	-	-	-	-	-	assignment allotted	1 hr	yes	-	-
	4 th	3 hrs	Degeneracy transpob- -tion Problem.	-	-	-	-	-	-	-	-	-	-
	5 th	4 hrs	UNIT-4: Assignment Problem. mathematical formulation	Assignment Problem	showing in PPT	1 hr	yes	-	-	-	-	-	-
Aug	1 st	3 hrs	ob the Problem. Hungarian method	-	-	-	-	-	-	-	-	-	-
	2 nd	4 hrs	bon assignment- Problem, special	-	-	-	-	-	-	-	-	-	-
	3 rd	3 hrs	Cases in assignment Problems-	-	-	-	-	-	-	-	-	-	-
			Unbalanced, Prohibite maximization.	-	-	-	-	-	-	-	-	-	-


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ANNUAL CURRICULAR

NAMR OF THE LECTURER V. PRASANNA


PLAN (Year)

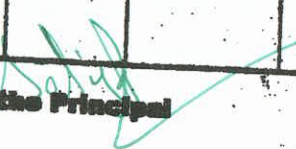
CLASS : III MBBS 1, 2 Semester : VI SEM

Operations Research - I
Paper : Cluster - 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	
			Travelling sales man. solved Problems.	-	-	-	-	-	-	-	-	-	-
	2nd	3hrs	UNIT-5: sequencing Problem.	-	-	-	-	-	-	-	-	-	-
	3rd	4hrs	Problems of sequencing Principle assumptions,	-	-	-	-	-	-	-	-	-	-
			solution of a sequencing Problem.	-	-	-	-	-	-	-	-	-	-
	4th	3hrs	Processing 'n' jobs through 3 machines	-	-	-	-	-	-	-	-	-	-
			Johnson's optimal sequence algorithm	-	-	-	-	-	Assignment allotted	1hr	ye	-	-
	5th	2hrs	Processing 'n' jobs through k- machines	-	-	-	-	-	-	-	-	-	-

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

2021 - 2022

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER T.N.D. Ramya					CLASS : III - MScs				Semester : VI - 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	
April	4 th	6hrs	UNIT-1 Games and strategies Introduction about game theory,	-	-	-	-	-	-	-	-	-	-
			two-person zero sum games, some basic terms the maxima-minima principle, games without saddle point.	-	-	-	-	-	-	-	-	-	-
	5 th	6hrs	mixed strategies, graphical solutions of $2 \times n$ and $m \times 2$ games	-	-	-	-	-	-	-	-	-	-
May	2 nd	5 hrs	Dominance Property	-	-	-	-	-	-	Assignment allotted	1hr	Yes	-
			UNIT-2 Inventory Control-I Basic concept of inventory problem, Types of	-	-	-	-	-	-	-	-	-	-
	3 rd	6 hrs	inventories and cost associated with inventories, factors affecting inventory control	-	-	-	-	-	-	-	-	-	-

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Signature of the Principal

K. Lakshmi

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

2021 - 2022

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER <i>T.N.D. Ramya.</i>					CLASS : <i>III - MSCS</i>				Semester : <i>VI - SEM</i> Paper : <i>Operation Research - II</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	
June	1 st	4 hrs	The Concept of EOA deterministic, Inventory Problems (static demand model)	-	-	-	-	-	-	-	-	-	-
	2 nd	6 hrs	UNIT : 3 <u>Inventory Control</u> Price breaks (quantity discounts):	-	-	-	-	-	-	-	-	-	-
			Problems of EOA with one price break and more than one price	-	-	-	-	-	-	-	-	-	-
	3 rd	6 hrs	break, Simple problems Probabilistic Inventory models, instantaneous	-	-	-	-	-	-	-	-	-	-
			demand, No setup cost model - discrete case and Continuous case	-	-	-	-	-	-	-	-	-	-
	4 th	6 hrs	Newspaper boy problem simple Problem.	-	-	-	-	-	-	Assignment allotted.	-	-	-

T.N.D. Ramya
Signature of the Lecturer

R. Lakshmi
Signature of the HOD

[Signature]
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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2021-2022

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER - T. N. D. Ramya					CLASS : III-MSCS		Semester : VI-SEM Paper : Operation Research - II						
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					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
	1 st	4hrs	UNIT-IV :- Networking schedule - I Basic Steps in PERT/CPM.	Concept of CPM	showing in PPT	4hr	Yes	-	-	-	-	-	-
July	1 st	2 hrs	techniques, basic Component's logical sequencing (cross in	-	-	-	-	-	-	-	-	-	-
	2 nd	6hrs	drawing networks) Rules for network Construction, critical	-	-	-	-	-	-	Assignment allotted	-	-	-
	3 rd	6hrs	Path analysis forward Pass method, backward pass method.	-	-	-	-	-	-	-	-	-	-
			Determination of floats and slack times Simple problems	-	-	-	-	-	-	-	-	-	-
Aug	4 th	2 hrs	UNIT-V Networking schedule - II Probability Consideration	-	-	-	-	-	-	-	-	-	-

Signature of the Lecturer

T. Ramya

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R. Lal

Signature of the Principal

S. S. S.

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU
CURRICULUM LECTURER WISE ~~2020~~ - ~~2021~~ 2021-2022

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER: T.N.D. Ramya.					CLASS: III-MSCS				Semester: VI 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	
			Evolution and network technique).										
	2 nd	6 hrs	Distinction between PERT and CPM, applications of network										
			techniques, limitations and difficulties in using network.										
			Project cost, time cost										
			optimization algorithm Simple problems.										

Signature of the Lecturer

T. Ramya

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