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कक्षा : B. Sc. III		पाठ्यक्रम योजना : सत्र 2016-2017		विषय : STATISTICS	
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16-7-16	1	A. K. Rao	I	Demographic Methods	Mortality
18-7-16	2	A. K. Rao	I	Demographic Methods	CDR
18-7-16	1	SMT	II	Convex Sets	Def. of Convex set
19-7-16	1	A. K. Rao	II	Reliability Theory	Def. of Reliability
19-7-16	2	SMT	II	Convex Sets	Vertex of a Convex set
20-7-16	1	A. K. Rao	III	Multivariate Analysis	Normal distribution
21-7-16	1	A. K. Rao	IV	Point Estimation	Completeness
22-7-16				Class Teaching	
23-7-16	3	A. K. Rao	I	Demographic Methods	SDR
25-7-16	4	A. K. Rao	I	Demographic Methods	Age – Specific D.R
25-7-16	3	SMT	II	Convex Sets	Convex cone
26-7-16	2	A. K. Rao	II	Reliability Theory	Survival function
26-7-16	4	SMT	II	Convex Sets	Convex hull
27-7-16	2	A. K. Rao	III	Multivariate Analysis	Marginal distribution
28-7-16	2	A. K. Rao	IV	Point Estimation	Sufficiency
29-7-16				Class Teaching	
30-7-16	5	A. K. Rao	I	Demographic Methods	IMR
1-8-16	6	A. K. Rao	I	Demographic Methods	Complete life table
1-8-16	5	SMT	II	Convex Sets	Hyperplanes
2-8-16	3	A. K. Rao	II	Reliability Theory	Maintainability
2-8-16	6	SMT	II	Convex Sets	Convex and Concave functions
3-8-16	3	A. K. Rao	III	Multivariate Analysis	Conditional distribution
4-8-16	3	A. K. Rao	IV	Point Estimation	Lehmann-Scheffe criterion
5-8-16				Class Teaching	
8-8-16	7	A. K. Rao	I	Demographic Methods	Abridged life table
9-8-16	8	A. K. Rao	I	Demographic Methods	Uses of life table
9-8-16	7	SMT	II	Convex Sets	Epigraphs of a Convex function
10-8-16	4	A. K. Rao	II	Reliability Theory	Availability
10-8-16	8	SMT	II	Linear Programming	Structure and formation
11-8-16	4	A. K. Rao	III	Multivariate Analysis	MGF and CF
12-8-16	4	A. K. Rao	IV	Point Estimation	Cramer – Rao Inequality

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13-8-16				Class Teaching	
16-8-16	9	A. K. Rao	I	Demographic Methods	Fertility
16-8-16	9	SMT	II	Linear Programming	Feasible Solution
17-8-16	10	A. K. Rao	I	Demographic Methods	CBR
17-8-16	10	SMT	II	Linear Programming	Basic Feasible Solution
19-8-16	5	A. K. Rao	II	Reliability Theory	Failure Rate
20-8-16	5	A. K. Rao	III	Multivariate Analysis	Linear Combination
22-8-16	5	A. K. Rao	IV	Point Estimation	MVUE
23-8-16				Test	
24-8-16	11	A. K. Rao	I	Demographic Methods	GFR
24-8-16	11	SMT	II	Linear Programming	Graphical methods
26-8-16	12	A. K. Rao	I	Demographic Methods	Age – Specific B.R.
26-8-16	12	SMT	II	Linear Programming	Problems
27-8-16	6	A. K. Rao	II	Reliability Theory	Hazard function
29-8-16	6	A. K. Rao	III	Multivariate Analysis	MLE of μ and Σ
30-8-16	6	A. K. Rao	IV	Testing	Critical function
30-8-16	13	SMT	II	Linear Programming	Problems
31-8-16				Class Teaching	
1-9-16	14	SMT	II	Linear Programming	Problems
2-9-16	13	A. K. Rao	I	Demographic Methods	TFR
3-9-16	14	A. K. Rao	I	Demographic Methods	GRR
5-9-16	7	A. K. Rao	II	Reliability Theory	Exponential distribution
5-9-16	15	SMT	II	Linear Programming	Simplex Method
6-9-16	7	A. K. Rao	III	Linear Regression	Least Square theory
6-9-16	16	SMT	II	Linear Programming	Problems
7-9-16	7	A. K. Rao	IV	Testing	Size and Power
8-9-16				Class Teaching	
9-9-16	15	A. K. Rao	I	Demographic Methods	NRR
10-9-16	16	A. K. Rao	I	Quality Control	Quality of a product
14-9-16	8	A. K. Rao	II	Reliability Theory	Exponential distribution
14-9-16	17	SMT	II	Linear Programming	Problems
15-9-16	8	A. K. Rao	III	Linear Regression	Estimation of Parameters
15-9-16	18	SMT	II	Linear Programming	Problems
16-9-16	8	A. K. Rao	IV	Testing	MP and UMP tests

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20-9-16				Class Teaching	
21-9-16	17	A. K. Rao	I	Quality Control	Need for Q.C.
22-9-16	18	A. K. Rao	I	Quality Control	Process Capability
22-9-16	19	SMT	II	Linear Programming	Dual of LPP
23-9-16	9	A. K. Rao	II	Reliability Theory	Weibull distribution
23-9-16	20	SMT	II	Linear Programming	Problems
24-9-16	9	A. K. Rao	III	Linear Regression	Test of hypothesis
26-9-16	9	A. K. Rao	IV	Testing	Randomised test
27-9-16				Test	
28-9-16	19	A. K. Rao	I	Quality Control	Product Control
28-9-16	21	SMT	II	Linear Programming	Duality theorem
29-9-16	20	A. K. Rao	I	Quality Control	Control Chart
29-9-16	22	SMT	II	Linear Programming	Two – phase method
3-10-16	10	A. K. Rao	II	Reliability Theory	Weibull distribution
4-10-16	10	A. K. Rao	III	Linear Regression	R^2 and adjusted R^2
5-10-16	10	A. K. Rao	IV	Testing	Non – Randomised test
5-10-16	23	SMT	II	Linear Programming	Problems
6-10-16				Class Teaching	
6-10-16	24	SMT	II	Linear Programming	Problems
7-10-16	21	A. K. Rao	I	Quality Control	Specification limit
8-10-16	22	A. K. Rao	I	Quality Control	Tolerance limit
14-10-16	11	A. K. Rao	II	Reliability Theory	Log-normal distribution
15-10-16	11	A. K. Rao	III	Linear Regression	ANOVA Table
17-10-16	11	A. K. Rao	IV	Testing	N – P Lemma
18-10-16				Class Teaching	
19-10-16	23	A. K. Rao	I	Quality Control	n – chart
20-10-16	24	A. K. Rao	I	Quality Control	np - chart
21-10-16	12	A. K. Rao	II	Reliability Theory	Log-normal distribution
21-10-16	25	SMT	II	Linear Programming	Big-M method
22-10-16	12	A. K. Rao	III	Explanatory data analysis	Empirical distribution
24-10-16	12	A. K. Rao	IV	Testing	MLR Property
25-10-16				Test	
26-10-16	25	A. K. Rao	I	Quality Control	c – chart
2-11-16	26	A. K. Rao	I	Quality Control	u – chart

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2-11-16	26	SMT	II	Linear Programming	Problems
3-11-16	13	A. K. Rao	II	Reliability Theory	Gamma distribution
3-11-16	27	SMT	II	Linear Programming	Problems
4-11-16	13	A. K. Rao	III	Explanatory data analysis	Quantile function
5-11-16	13	A. K. Rao	IV	Interval Estimation	Confidence bounds
8-11-16				Class Teaching	
9-11-16	27	A. K. Rao	I	Quality Control	CUSUM Chart
10-11-16	28	A. K. Rao	I	Acceptance Sampling	Good and bad lots
11-11-16	14	A. K. Rao	II	Reliability Theory	Gamma distribution
11-11-16	28	SMT	II	Linear Programming	Problems
12-11-16	14	A. K. Rao	III	Stochastic Simulation	Inversion theorem
15-11-16	14	A. K. Rao	IV	Interval Estimation	UMA Intervals
17-11-16				Class Teaching	
18-11-16	29	A. K. Rao	I	Acceptance Sampling	Consumer and Producer Risk
19-11-16	30	A. K. Rao	I	Acceptance Sampling	Single Sampling Plan
19-11-16	29	SMT	II	Transportation	Formulation
21-11-16	15	A. K. Rao	II	Reliability Theory	Concept of aging
21-11-16	30	SMT	II	Transportation	North West corner rule
22-11-16	15	A. K. Rao	III	Stochastic Simulation	Generating R.V.
23-11-16	15	A. K. Rao	IV	Interval Estimation	UMAU Intervals
25-11-16				Test	
26-11-16	31	A. K. Rao	I	Acceptance Sampling	Double Sampling Plan
28-11-16	32	A. K. Rao	I	Acceptance Sampling	OC and ASN functions
28-11-16	31	SMT	II	Transportation	Problems
29-11-16	16	A. K. Rao	II	Reliability Theory	IFR
29-11-16	32	SMT	II	Transportation	Problems
30-11-16	16	A. K. Rao	III	Stochastic Simulation	Monte- Carlo Integration
1-12-16	16	A. K. Rao	IV	Sequential Analysis	OC and ASN functions
1-12-16	33	SMT	II	Transportation	Lowest cost entry
2-12-16				Class Teaching	
2-12-16	34	SMT	II	Transportation	Problems
3-12-16	33	A. K. Rao	I	Acceptance Sampling	AQL, LTPD, AOQL and ATI
6-12-16	34	A. K. Rao	I	Index Number	Price Index
7-12-16	17	A. K. Rao	II	Reliability Theory	IFRA

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8-12-16	17	A. K. Rao	III	Non – Parametric Methods	Goodness of fit test
8-12-16	35	SMT	II	Transportation	Vogel's approximation
9-12-16	17	A. K. Rao	IV	Sequential Analysis	Wald's SPRT
9-12-16	36	SMT	II	Transportation	Problems
12-12-16				Class Teaching	
14-12-16	35	A. K. Rao	I	Index Number	Quantity Index
15-12-16	36	A. K. Rao	I	Index Number	Laspeyre's Index
16-12-16	18	A. K. Rao	II	Reliability Theory	Coherent System
17-12-16	18	A. K. Rao	III	Non – Parametric Methods	Sign and Wilcoxon signed-rank test
17-12-16	37	SMT	II	Transportation	Problems
19-12-16	18	A. K. Rao	IV	Sequential Analysis	Wald's Identity
19-12-16	38	SMT	II	Transportation	Optimal solution
20-12-16				Test	
20-12-16	39	SMT	II	Transportation	Problems
21-12-16	37	A. K. Rao	I	Index Number	Paasche's Index
21-12-16	40	SMT	II	Transportation	Problems
22-12-16	38	A. K. Rao	I	Index Number	Marshall-Edgeworth's Index
24-12-16	19	A. K. Rao	II	Reliability Theory	Parallel System
26-12-16	19	A. K. Rao	III	Non – Parametric Methods	Rank and Kolmogorov-Smirnov test
27-12-16	19	A. K. Rao	IV	Sequential Analysis	Wald's Lemma
28-12-16				Class Teaching	
28-12-16	41	SMT	II	Assignment	Formulation
29-12-16	39	A. K. Rao	I	Index Number	Fisher's Index
30-12-16	40	A. K. Rao	I	Index Number	Chain base Index
31-12-16	20	A. K. Rao	II	Reliability Theory	Parallel System
2-1-17	20	A. K. Rao	III	Non – Parametric Methods	Median and Mann-Whitney test
3-1-17	20	A. K. Rao	IV	Point Estimation	Rao-Blackwell theorem
3-1-17	42	SMT	II	Assignment	Reduction theorem
4-1-17				Class Teaching	
4-1-17	43	SMT	II	Assignment	Problems
6-1-17	41	A. K. Rao	I	Index Number	Time and Factor Reversal test
7-1-17	42	A. K. Rao	I	Time Series	Additive and Multiplicative models
9-1-17	21	A. K. Rao	II	Reliability Theory	Series System
9-1-17	44	SMT	II	Assignment	Hungarian method

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