

EDUCATIONAL MULTIMEDIA RESEARCH CENTRE, MYSORE**B.Sc. STATISTICS E-CONTENT PROGRAMMES**

SL. NO.	YEAR	TITLE OF THE PAPER /COURSE	PRODUCERS	NO OF LESSONS
1	FIRST YEAR	DESCRIPTIVE STATISTICS-1	MR. SHREEHARSHA M KULENUR	27
2	FIRST YEAR	BASIC PROBABILITIES	MR. SHREEHARSHA M KULENUR	19
3	FIRST YEAR	GRAPHICAL REPRESENTATION OF DATA	MR. SHREEHARSHA M KULENUR	10
4	FIRST YEAR	DESCRIPTIVE STATISTICS-2	MR. SHREEHARSHA M KULENUR	26
5	FIRST YEAR	PROBABILITY DISTRIBUTIONS-1	MR. SHREEHARSHA M KULENUR	28
6	FIRST YEAR	STATISTICAL COMPUTING TOOLS	MR. SHREEHARSHA M KULENUR	2
7	SECOND YEAR	PROBABILITY DISTRIBUTIONS-2	MR. SHREEHARSHA M KULENUR	4
8	SECOND YEAR	ESTIMATION AND LIMIT THEOREMS	MR. SHREEHARSHA M KULENUR	27
9	SECOND YEAR	SAMPLING TECHNIQUES	MR. SHREEHARSHA M KULENUR	31
10	SECOND YEAR	TESTING OF HYPOTHESIS	MR. SHREEHARSHA M KULENUR	23
11	SECOND YEAR	DESIGN OF EXPERIMENTS	MR. CHANDRA KUMAR P H	9
12	SECOND YEAR	ACTURIAL STATISTICS	MR. SHREEHARSHA M KULENUR	2
13	THIRD YEAR	STATISTICAL QUALITY CONTROL	MR. CHANDRA KUMAR P H	6
14	THIRD YEAR	ECONOMETRICS	MR. CHANDRA KUMAR P H	2
15	THIRD YEAR	OPERATION RESEARCH	MR. SHREEHARSHA M KULENUR	23
16	THIRD YEAR	APPLIED STATISTICS	MR. SHREEHARSHA M KULENUR	30
TOTAL PROGRAMMES PRODUCED				269

DESCRIPTIVE STATISTICS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
1	I YEAR	P A P E R N O . 1 D E S C R I P T I V E S T A T I S T I C	1	EMYS 01	Introduction to Statistics and Statistical methods (Frequency Distribution)	Introduction to Statistics and Statistical methods (Frequency Distribution)	EUM/2015/XD-643/EMYS 925	Priyadarshini. R	Shreeharsha M Kulenur	R
2	I YEAR		2	EMYS 03	Types of Statistical Data	Types of Statistical Data	EUM/2015/XD-582/EMYS 864	Priyadarshini. R	Shreeharsha M Kulenur	A
3	I YEAR		3	EMYS 26	Primary Data	Primary Data	EUM/2015/XD-588/EMYS 867	Priyadarshini. R	Shreeharsha M Kulenur	A
4	I YEAR		4	EMYS 27	Secondary Data	Secondary Data	EUM/2015/XD-617/EMYS 900	Priyadarshini. R	Shreeharsha M Kulenur	
5	I YEAR		5	EMYS 20	Diagrammatic and Grouped data	Diagrammatic and Grouped data	EUM/2015/XD-587/EMYS 866	Priyadarshini. R	Shreeharsha M Kulenur	A
6	I YEAR		6	EMYS21	Histogram	Histogram	EUM/2015/XD-585/EMYS 867	Priyadarshini. R	Shreeharsha M Kulenur	A
7	I YEAR		7	EMYS 30	Frequency polygon and Ogives	Frequency polygon and Ogives	EUM/2015/XD-595/EMYS 874	Priyadarshini. R	Shreeharsha M Kulenur	R
8	I YEAR		8	EMYS 23	Stem and Leaf plot	Stem and Leaf plot	EUM/2015/XD-87/EMYS 903	Priyadarshini. R	Shreeharsha M Kulenur	
9	I YEAR		9	EMYS 33	Box Plot	Box Plot	EUM/2012/XD/324/EMYS 699	Priyadarshini. R	Shreeharsha M Kulenur	R

10	I YEAR	S P A P E R N O . 1 D E S C R I P T I V E S T A T I S T I C S	10	EMYS 10	Concept of Central Tendency	Central Tendency	EUM/2015/XD-630/EMYS 912	Priyadarshini. R	Shreeharsha M Kulenur	R
11	I YEAR		11	EMYS 12	Arithmetic Mean	Arithmetic Mean	EUM/2015/XD-616/EMYS 899	Priyadarshini. R	Shreeharsha M Kulenur	R
12	I YEAR		12	EMYS 68	Weighted Mean, Truncated Mean and Midrange	Weighted Mean, Truncated Mean and Midrange	EUM/2015/XD-641/EMYS 923	Priyadarshini. R	Shreeharsha M Kulenur	R
13	I YEAR		13	EMYS 44	Geometric Mean	Geometric Mean	EUM/2012/XD-331/EMYS 705	Priyadarshini. R	Shreeharsha M Kulenur	R
14	I YEAR		14	EMYS 46	Harmonic Mean	Harmonic Mean	EUM/2012/XD-268/EMYS 697	Priyadarshini. R	Shreeharsha M Kulenur	R
15	I YEAR		15	EMYS 45	Median and Mode	Median and Mode	EUM/2012/XD-329/EMYS 703	Priyadarshini. R	Shreeharsha M Kulenur	R
16	I YEAR		16	EMYS 08	Measures of Dispersion	Measures of Dispersion	EUM/2015/XD591/ EMYS 870	Priyadarshini. R	Shreeharsha M Kulenur	R
17	I YEAR		17	EMYS 48	Concept of variation and dispersion	Variation and dispersion		Priyadarshini. R	Shreeharsha M Kulenur	
18	I YEAR		18	EMYS 85	Absolute and Relative Measure of Dispersion (Part-1)	Absolute and Relative Measure of Dispersion (Part-1)	EUM/2012/XD-332/EMYS 706	Priyadarshini. R	Shreeharsha M Kulenur	R
19	I YEAR		19	EMYS 96	Absolute and relative measures of dispersion (Part -2)	Absolute and relative measures of dispersion (Part -2)	EUM/2012/XD-332/EMYS 706	Priyadarshini. R	Shreeharsha M Kulenur	R
20	I YEAR		20	EMYS 59	Moments	Moments	EUM/2015/XD592/ EMYS 871	Priyadarshini. R	Shreeharsha M Kulenur	R
21	I YEAR		21	EMYS 53	Skewness and Kurtosis and their measures	Skewness and Kurtosis and their measures	EUM/2012/XD-333/EMYS 707	Priyadarshini. R	Shreeharsha M Kulenur	R

PRATICALS

22	I YEAR	P A P E R N O T A T I O N S D E S C R I P T I V E	22	EMYS 73	Arithmetic Mean, Weighted Mean, Trimmed Mean, Corrected Mean-Part-1	Arithmetic Mean, Weighted Mean, Trimmed Mean, Corrected Mean-Part-1	EUM/2012/XD/324/EMYS 699	Priyadarshini. R	Shreeharsha M Kulenur	R
23	I YEAR		23	EMYS 67	Arithmetic Mean, Weighted Mean, Trimmed Mean, Corrected Mean-Part-2	Arithmetic Mean, Weighted Mean, Trimmed Mean, Corrected Mean-Part-2	EUM/2015/XD-616/EMYS 899	Priyadarshini. R	Shreeharsha M Kulenur	R
24	I YEAR		24	EMYS 52	Mode, Median and Partition values (Part I)	Mode, Median and Partition values (Part I)	EUM/2015/XD-626/EMYS 908	Priyadarshini. R	Shreeharsha M Kulenur	R
25	I YEAR		25	EMYS 98	Mode, Median and Partition values (Part II)	Mode, Median and Partition values (Part II)	EUM/2012/XD-334/EMYS 708	Priyadarshini. R	Shreeharsha M Kulenur	R
26	I YEAR		26	EMYS 63	Presentation of Data by frequency tables diagrams and graphs partition values	Presentation of Data by frequency tables diagrams and graphs partition values	EUM/2015/XD-620/EMYS 904	Priyadarshini. R	Shreeharsha M Kulenur	R
27	I YEAR		27	EMYS 223	Problems on Moments, Skewness & Kurtosis	Problems on Moments, Skewness & Kurtosis	EUM/2015/XD-575/EMYS 857	Priyadarshini. R	Shreeharsha M Kulenur	R

PAPER 2-BASIC PROBABILITIES

Sl. No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
28	I YEAR	P A P E R N O . 2 B A S I C P R O B A B I L I T I E S		EMYS 112	Definition of probability, classical and relative frequency approach to probability	Definition of probability, classical and relative frequency approach to probability	EUM/2012/XD-330/EMYS 704	Mrs. Shubharekha	Shreeharsh M Kulenur	A
29	I YEAR			EMYS 09	Axiomatic Approach to Probability	Axiomatic Probability	EUM/2015/XD-615/EMYS 898	priyadarshini R	Shreeharsh M Kulenur	R
30	I YEAR			EMYS 49	Bayes theorem and its application	Bayes theorem and its application	EUM/2015/XD-614/EMYS 897	Mrs. Shubharekha	Shreeharsh M Kulenur	R
31	I YEAR			EMYS 125	Expectation of a Random variable and its properties	Expectation of a Random variable and its properties	EUM/2015/XD-612/EMYS 895	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
32	I YEAR			EMYS 141	Moment generating functions, their properties and uses	Moment generating functions, their properties and uses	EUM/2015/XD-624/EMYS 906	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
33	I YEAR			EMYS 14	Discrete Uniform Distribution	Discrete Uniform Distribution	EUM/2015/XD-587/EMYS 866	Mrs. Suguna Nayak	Shreeharsh M Kulenur	A
34	I YEAR			EMYS 15	Bernoulli Distribution	Bernoulli Distribution	EUM/2015/XD-614/EMYS 897	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
35	I YEAR			EMYS 32	Binomial distribution	Binomial distribution	EUM/2015/XD-629/EMYS 911	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
36	I YEAR			EMYS 25	Poisson Distribution	Poisson Distribution	EUM/2015/XD-583/EMYS 865	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
37	I YEAR			EMYS 24	Geometric Distribution	Geometric Distribution	EUM/2015/XD-593/EMYS 872	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
38	I YEAR			EMYS 31	Negative binomial distribution	Negative binomial distribution	EUM/2015/XD-586/EMYS 868	Mrs. Suguna Nayak	Shreeharsh M Kulenur	A

PRACTICALS

39	I YEAR	P A P E R P R O B A B I L I T Y S I E C S		EMYS 28	Practicals – Computing probability using addition and multiplication theorem	Practicals – Computing probability using addition and multiplication theorem	EUM/2015/XD5 90/EMYS 869	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
40	I YEAR			EMYS 29	Hypergeometric Distribution	Hypergeometric Distribution	EUM/2015/XD- 584/EMYS 866	Mrs. Suguna Nayak	Shreeharsh M Kulenur	A
41	I YEAR			EMYS 11	Conditional Probability and Independent Events	Conditional Probability and Independent Events	EUM/2015/XD- 619/EMYS 902	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
42	I YEAR			EMYS 22	Practicals – Computing probability using conditional probability and Baye's theorem	Practicals – Computing probability using conditional probability and Baye's theorem	EUM/2015/XD- 589/EMYS 868	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
43	I YEAR			EMYS 35	Practicals-Problems on PMF Variance, Expectation, Quartiles, Skewness and Kurtosis	Practicals-Problems on PMF Variance, Expectation, Quartiles, Skewness and Kurtosis	EUM/2015/XD- 589/EMYS 868	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
44	I YEAR			EMYS 39	Sketching the probability distribution functions	Sketching the probability distribution functions	EUM/2015/XD- 623/EMYS 905	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
45	I YEAR			EMYS 66	Simulation from Discrete Distribution	Simulation from Discrete Distribution	EUM/2015/XD- 635/EMYS 917	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
46	I YEAR			EMYS 43	Practical-Computations of probabilities and fitting discrete distributions	Practical-Computations of probabilities and fitting discrete distributions	EUM/2015/XD- 583/EMYS 865	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R

PAPER 3-GRAPHICAL REPRESENTATION OF DATA

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
47	I YEAR	P A P E R 3 - G R A P H I C A L R E P R E S E N T A T I O N		EMYS 02	Line Charts	Line Charts	EUM/2015/XD-594/EMYS 873	Priyadarshini R	Shreeharsh M Kulenur	
48	I YEAR			EMYS 05	Bar Chart	Bar Chart	EUM/2015/XD-615/EMYS 898	Priyadarshini. R	Shreeharsha M Kulenur	
49	I YEAR			EMYS 251	Contour Chart, Heat Maps, Surface Charts	Surface Charts, Contour Chart, Heat Maps	EUM/2015/XD/554/EMYS 834	Susha Pramod	Shreeharsh M Kulenur	A
50	I YEAR			EMYS 13	Area Chart and Bubble Chart	Area Chart and Bubble Chart	EUM/2015/XD-643/EMYS 925	Priyadarshini R	Shreeharsh M Kulenur	
51	I YEAR			EMYS 18	Gantt Charts	Gantt Charts	EUM/2015/XD-593/EMYS 872	Priyadarshini R	Shreeharsh M Kulenur	
52	I YEAR			EMYS 198	Polar, Radar, Rose, Vector Charts, Combo Charts	Polar, Radar, Rose, Vector Charts, Combo Charts	EUM/2014/XD-382/EMYS 754	Susha Pramod	Shreeharsh M Kulenur	
53	I YEAR			EMYS 06	Scatter Plot and Pie Chart	Scatter Plot and Pie Chart	EUM/2015/XD-612/EMYS 895	Priyadarshini R	Shreeharsh M Kulenur	R
54	I YEAR			EMYS 16	XY Graph	XY Graph	EUM/2015/XD-87/EMYS 903	Priyadarshini R	Shreeharsh M Kulenur	R
55	I YEAR			EMYS 07	Concept of Graphical Representation of Data	Concept of Graphical Representation of Data	EUM/2015/XD-629/EMYS 911	Priyadarshini R	Shreeharsh M Kulenur	R
56	I YEAR			EMYS 19	Histogram and Box-Whisker Charts	Histogram and Box-Whisker Charts	EUM/2015/XD-585/EMYS 867	Priyadarshini R	Shreeharsh M Kulenur	R

PAPER 4-DESCRIPTIVE STATISTICS-2

Sl. No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
57	I YEAR	P A P E R 4 - D E S C R I P T I V E S T A T I S T I C S - 2		EMYS 106	Problems on association of attributes	Problems on association of attributes	EUM/2015/XD-636/EMYS 918	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
58	I YEAR			EMYS 54	Fitting of Linear curve	Fitting of Linear curve	EUM/2012/XD-329/EMYS 703	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
59	I YEAR			EMYS 62	Principle of Least squares	Principle of Least squares	EUM/2015/XD-632/EMYS 914	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
60	I YEAR			EMYS 56	Fitting of Parabolic curves	Fitting of Parabolic curves	EUM/2012/XD-329/EMYS 703	Mrs. Suguna Nayak	Shreeharsh M Kulenur	A
61	I YEAR			EMYS 61	Fitting of Exponential curve	Fitting of Exponential curve	EUM/2012/XD-328/EMYS 702	Mrs. Suguna Nayak	Shreeharsh M Kulenur	A
62	I YEAR			EMYS 57	Fitting of Geometric Curves	Fitting of Geometric Curves	EUM/2012/XD-268/EMYS 697	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
63	I YEAR			EMYS 51	Bivariate Data and plotting of Bivariate data	Bivariate Data and plotting of Bivariate data	EUM/2012/XD-325/EMYS 709	Mrs. Suguna Nayak	Shreeharsh M Kulenur	
64	I YEAR			EMYS 90	Scatter diagram	Scatter diagram	EUM/2015/XD-633/EMYS 915 EUM/2015/XD-627/EMYS 909	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
65	I YEAR			EMYS 93	Rank correlation	Rank correlation		Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
66	I YEAR			EMYS 111	Correlation ratio and Intra class correlation coefficient	Correlation ratio and Intra class correlation coefficient	EUM/2012/XD-327/EMYS 701	Mrs. Suguna Nayak	Shreeharsh M Kulenur	A

67	I YEAR	P A P A R 4 - D E S C R I P T I V E S T A T I S T I C S - 2	EMYS 89	Co-efficient of determination	Co-efficient of determination	EUM/2012/XD- 325/EMYS 709	Mrs. Suguna Nayak	Shreeharsh M Kulenur	A
68	I YEAR		EMYS 92	Concept of error in regression	Concept of error in regression	EUM/2012/XD/324/EM YS 699	Mrs. Suguna Nayak	Shreeharsh M Kulenur	A
69	I YEAR		EMYS 170	Multiple correlation and regression in three variables	Multiple correlation and regression in three variables	EUM/2015/XD- 624/EMYS 906	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
70	I YEAR		EMYS 151	Measures and related results of multiple and partial correlation and regression in three variables	Measures and related results of multiple and partial correlation and regression in three variables	EUM/2015/XD- 580/EMYS 862	Mrs. Suguna Nayak	Shreeharsh M Kulenur	
71	I YEAR		EMYS 176	Partial correlation and regression in three variables	Partial correlation and regression in three variables	EUM/2015/XD- 639/EMYS 921	Mrs. Suguna Nayak	Shreeharsh M Kulenur	
72	I YEAR		EMYS 189	Various measures for association of two way	Various measures for association of two way	EUM/2015/XD- 581/EMYS 863	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
73	I YEAR		EMYS 157	Three way classified data	Three way classified data	EUM/2015/XD- 642/EMYS 924	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
74	I YEAR		EMYS 123	Exponential Distribution	Exponential Distribution	EUM/2015/XD- 617/EMYS 900	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
75	I YEAR		EMYS 69	Product Moment correlation coefficient and its properties	Product Moment correlation coefficient and its properties	EUM/2015/XD- 620/EMYS 904	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
76	I YEAR		EMYS 102	Independence and association of attributes	Independence and association of attributes		Mrs. Suguna Nayak	Shreeharsh M Kulenur	A

PRACTICALS

77	I YEAR	PAPAR 4- DESCR IPTIVE STATIS TICS-2		EMYS 100	Fitting of curves by least square method	Fitting of curves by least square method	EUM/2015/XD- 597/EMYS 889	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R
78	I YEAR			EMYS 120	Practical- Problems on product moment correlation co-efficient	Practical- Problems on product moment correlation co-efficient	EUM/2015/XD- 637/EMYS 919	Mrs. Suguna Nayak	Shreeharsh M Kulenur	
79	I YEAR			EMYS 138	Practicals on rank correlation coefficient	Practicals on rank correlation coefficient	EUM/2015/XD- 633/EMYS 915	Mrs. Suguna Nayak	Shreeharsh M Kulenur	
80	I YEAR			EMYS 154	Fitting of Linear Regression and Related Results	Fitting of Linear Regression and Related Results	EUM/2015/XD/581/EM YS 863	Mrs. Suguna Nayak	Shreeharsh M Kulenur	
81	I YEAR			EMYS 107	Practicals : Problems on regression of two variables	Practicals : Problems on regression of two variables	EUM/2015/XD- 638/EMYS 920	Priyadarshini R	Shreeharsh M Kulenur	R
82	I YEAR			EMYS 118	Practicals on partial & multiple correlation & regression	Practicals on partial & multiple correlation & regression	EUM/2015/XD- 636/EMYS 918	Mrs. Suguna Nayak	Shreeharsh M Kulenur	R

PAPER 5-PROBABILITY DISTRIBUTIONS-1

Sl. No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
83	I YEAR	PAPER 5-PROBABILITY DISTRIBUTION-1		EMYS 121	Moments and quantiles	Moments and quantiles	EUM/2015/XD-628/EMYS 910	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R
84	I YEAR			EMYS 04	Probability and approaches to probability	Probability and approaches to probability	EUM/2015/XD-588/EMYS 867	Priyadarshini R	Shreeharsha M Kulenur	R
85	I YEAR			EMYS 17	Continuous Random Variable and Probability Density Function	Continuous Random Variable and Probability Density Function	EUM/2015/XD-619/EMYS 902	Priyadarshini R	Shreeharsha M Kulenur	R
86	I YEAR			EMYS 119	Standard univariate continuous distributions and their properties	Standard univariate continuous distributions and their properties	EUM/2015/XD-640/EMYS 922	Mrs. Suguna Nayak	Shreeharsha M Kulenur	
87	I YEAR			EMYS 139	Uniform distribution	Uniform distribution	EUM/2015/XD-641/EMYS 923	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R
88	I YEAR			EMYS 172	Gamma and Beta distributions	Gamma and Beta distributions	EUM/2015/XD-613/EMYS 896	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R
89	I YEAR			EMYS 184	Cauchy and logistic distributions –Part-I	Cauchy and logistic distributions –Part-I	EUM/2015/XD-598/EMYS 890	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R
90	I YEAR			EMYS 182	Pareto Distribution	Pareto Distribution	EUM/2015/XD-583/EMYS 865	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A
91	I YEAR			EMYS 256	Covariance	Covariance	EUM/2014/XD-455/EMYS 791	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A

92	I YEAR			EMYS 250	Correlation	Correlation	EUM/2015/XD-554/EMYS 834	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A
93	I YEAR			EMYS 196	Trinomial Distribution	Trinomial Distribution	EUM/2014/XD-385/EMYS 757	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R
94	I YEAR			EMYS 248	Bivariate Normal Distribution (Part-I)	Bivariate Normal Distribution (Part-I)	EUM/2015/XD-552/EMYS 832	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R
95	I YEAR			EMYS 249	Bivariate Normal Distribution (Part-II)	Bivariate Normal Distribution (Part-I)	EUM/2015/XD-552/EMYS 832	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R
96	I YEAR			EMYS 117	Illustration on random variables & their properties	Illustration on random variables & their properties	EUM/2015/XD-631/EMYS 913	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R
97	I YEAR	PAPER 5- PROBABILITY DISTRIBUTION-1		EMYS 225	Marginal and conditional distributions	Marginal and conditional distributions	EUM/2015/XD-577/EMYS 859	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A
98	I YEAR			EMYS 216	Normal Distribution	Normal Distribution	EUM/2015/XD-574/EMYS 856	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A
99	I YEAR			EMYS 227	Conditional Mean and Conditional Variance	Conditional Mean and Conditional Variance	EUM/2015/XD-580/EMYS 862	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A
100	I YEAR			EMYS 268	Cauchy and logistic distributions –Part-II	Cauchy and logistic distributions –Part-II	EUM/2015/XD-614/EMYS 897	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A
101	I YEAR			EMYS 230	Bivariate Discrete & Continuous Distribution, its PMF & PDF	Bivariate Discrete & Continuous Distribution, its PMF & PDF	EUM/2015/XD-573/EMYS 855	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A
102	I YEAR			EMYS 220	Log normal distribution & its properties	Log normal distribution & its properties	EUM/2015/XD-573/EMYS 855	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R
103	I YEAR			EMYS 228	Bivariate moments and definition of raw and central product moments	Bivariate moments and definition of raw and central product moments	EUM/2015/XD-573/EMYS 855	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A

PRACTICALS

104	I YEAR	PAPER 5- PROBABILITY DISTRIBUTION-1		EMYS 197	Fitting Standard Univariate Continuous Distributions such as Normal and Exponential Distributions	Fitting Standard Univariate Continuous Distributions such as Normal and Exponential Distributions	EUM/2014/XD-381/EMYS 753	Suguna Nayak	Shreeharsha M Kulenur	A
105	I YEAR			EMYS 242	Simulation of Random Samples from Standard Univariate Continuous Distributions such as Normal, Exponential and Cauchy Distributions	Simulation of Random Samples from Standard Univariate Continuous Distributions such as Normal, Exponential and Cauchy Distributions	EUM/2014/XD-384/EMYS 756	Suguna Nayak	Shreeharsha M Kulenur	A
106	I YEAR			EMYS 224	Computing Marginal and Conditional Probability Distributions	Computing Marginal and Conditional Probability Distributions	EUM/2015/XD-555/EMYS/835	Suguna Nayak	Shreeharsha M Kulenur	A
107	I YEAR			EMYS 255	Computing Marginal and Conditional Expectations	Computing Marginal and Conditional Expectations	EUM/2015/XD-554/EMYS/834	Suguna Nayak	Shreeharsha M Kulenur	A
108	I YEAR			EMYS 257	Drawing random samples from Bivariate Normal distribution	Drawing random samples from Bivariate Normal distribution	EUM/2015/XD-530/EMYS/830	Suguna Nayak	Shreeharsha M Kulenur	A
109	I YEAR			EMYS 266	Sketching Distribution Functions and Density Functions	Sketching Distribution Functions and Density Functions	EUM/2014/XD-453/EMYS 789	Suguna Nayak	Shreeharsha M Kulenur	R
110	I YEAR			EMYS 254	Computation of probabilities, expectation, moments & moment generating functions	Computation of probabilities, expectation, moments & moment generating functions	EUM/2015/XD-551/EMYS 831	Suguna Nayak	Shreeharsha M Kulenur	A

PAPER-6- STATISTICAL COMPUTING TOOLS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
111	I YEAR	S T C P A O A T M T P I P O E S U O R T T L I I S 6 C N - A G L		EMYS 239	R PROGRAMMING (I PART)	R PROGRAMMING (I PART)	EUM/2015/XD-529/EMYS 829	Amrutha R	Shreeharsha M Kulenur	
112	I YEAR			EMYS 240	R PROGRAMMING (II PART)	R PROGRAMMING (II PART)	EUM/2015/XD-528/EMYS 828	Amrutha R	Shreeharsha M Kulenur	

PAPER-7- PROBABILITY DISTRIBUTION 2

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
113	II YEAR	D I S T R I B U T I O N - P R O B A B I L I T Y 7 - 2		EMYS 233	Student's -t distribution (W.S. Gosset-1908)	Student's -t distribution (W.S. Gosset-1908)	EUM/2015/XD-551/EMYS 831	Bhat Satish Shankar	Shreeharsha M Kulenur	A
114	II YEAR			EMYS 236	The Exact Sampling Distribution	The Exact Sampling Distribution	EUM/2015/XD-551/EMYS 831	Bhat Satish Shankar	Shreeharsha M Kulenur	A
115	II YEAR			EMYS 237	Snedecor's F Distribution	Snedecor's F Distribution	EUM/2015/XD-529/EMYS 829	Dr. Vidya R	Shreeharsha M Kulenur	R
116	II YEAR			EMYS 267	Distribution of functions of random variables	Distribution of functions of random variables	EUM/2015/XD-528/EMYS 828	Dr. Vidya R	Shreeharsha M Kulenur	R

PAPER-8- ESTIMATION AND LIMIT THEOREMS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
117	II YEAR	P A P E R 8 - E S T I M A T I O N & L I M I T		EMYS 129	Tchebychevs Inequality, proof and applications	Tchebychevs Inequality, proof and applications	EUM/2015/X D- 642/EMYS 924	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
118	II YEAR			EMYS 122	Markov's Inequality	Markov's Inequality	EUM/2015/X D- 596/EMYS 888	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
119	II YEAR			EMYS 144	Concept of convergence in distribution and in probability	Concept of convergence in distribution and in probability	EUM/2015/X D- 610/EMYS 893	Mrs. Shubha Rekha	Shreeharsha M Kulenur	A
120	II YEAR			EMYS 156	Weak Law of large numbers (statement) with applications	Weak Law of large numbers (statement) with applications	EUM/2015/X D- 640/EMYS 922	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
121	II YEAR			EMYS 124	Central limit theorem	Central limit theorem	EUM/2015/X D- 599/EMYS 891	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
122	II YEAR			EMYS 169	Linderberg theorems (statements and applications)	Linderberg theorems (statements and applications)	EUM/2015/X D- 611/EMYS 894	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
123	II YEAR			EMYS 152	Estimator and Estimate	Estimator and Estimate	EUM/2015/X D- 597/EMYS 889	Mrs. Suguna Nayak	Shreeharsha M Kulenur	A
124	II YEAR			EMYS 174	Methods of Estimation	Methods of Estimation	EUM/2015/X D- 626/EMYS 908	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
125	II YEAR			EMYS 105	Methods of Moments	Methods of Moments	EUM/2015/X D- 625/EMYS 907	Mrs. Suguna Nayak	Shreeharsha M Kulenur	R

126	II YEAR
127	II YEAR
128	II YEAR
129	II YEAR
130	II YEAR
131	II YEAR
132	II YEAR
133	II YEAR
134	II YEAR
135	II YEAR

H
E
O
R
E
M
S

P
A
P
E
R

8
-

E
S
T
I
M
A
T
I
O
N

&

	EMYS 186	Point Estimation	Point Estimation	EUM/2015/X D- 627/EMYS 909	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
	EMYS 113	Properties of estimators-unbiasedness relative efficiency and consistency	Properties of estimators-unbiasedness relative efficiency and consistency	EUM/2015/X D- 582/EMYS 864	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
	EMYS 114	Practical problems on estimators- consistent, unbiased and relative efficient	Practical problems on estimators- consistent, unbiased and relative efficient	EUM/2015/XD 582/EMYS 864	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
	EMYS 132	Method of maximum likelihood and their properties	Method of maximum likelihood and their properties	EUM/2015/XD 625/EMYS 907	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
	EMYS 133	Confidence intervals for difference between means	Confidence intervals for difference between means	EUM/2015/X D592/EMYS 871	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
	EMYS 136	Confidence Intervals for variances	Confidence Intervals for variances	EUM/2015/X D- 599/EMYS 891	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
	EMYS 130	Confidence Intervals for the Ratio of variances	Confidence Intervals for the Ration of variances	EUM/2015/X D- 600/EMYS 892	Priyadarshini R	Shreeharsha M Kulenur	
	EMYS 147	Confidence intervals for proportions	Confidence intervals for proportions	EUM/2015/X D- 600/EMYS 892	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
	EMYS 142	Confidence intervals for means	Confidence intervals for means	EUM/2015/X D- 600/EMYS 892	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
	EMYS 217	De Moivre laplace and levy theorems	De Moivre laplace and levy theorems	EUM/2015/X D- 596/EMYS 888	Mrs. Shubha Rekha	Shreeharsha M Kulenur	

136	II YEAR	L I M I T		EMYS 109	Interval Estimation	Interval Estimation	EUM/2015/X D- 618/EMYS 901	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
137	II YEAR			EMYS 135	Illustrations on construction of confidence intervals for variances & ratio of variance	Illustrations on construction of confidence intervals for variances & ratio of variance	EUM/2015/X D- 611/EMYS 894	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
PRACTICALS										
138	II YEAR	P A P E R 8 - E S T I M A T I O N & L I M I T		EMYS 137	Illustrations on Tchebyschef’s and Markov’s Inequalities	Illustrations on Tchebyschef’s and Markov’s Inequalities	EUM/2015/X D- 611/EMYS 894	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
139	II YEAR			EMYS 131	Practicals : Applications of convergences in probability distribution, central limit theorem and week law of large numbers	Practicals : Applications of convergences in probability distribution, central limit theorem and week law of large numbers	EUM/2015/X D- 618/EMYS 901	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
140	II YEAR			EMYS 115	Practicals on estimation by the method of maximum likelihood	Practicals on estimation by the method of maximum likelihood	EUM/2015/XD- 633/EMYS 915	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
141	II YEAR			EMYS 146	Practical – Estimation by the method of moments	Practical – Estimation by the method of moments	EUM/2015/X D- 615/EMYS 898	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
142	II YEAR			EMYS 159	Practical – Construction of confidence intervals for mean and difference of means	Practical – Construction of confidence intervals for mean and difference of means	EUM/2015/X D- 612/EMYS 895	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
143	II YEAR			EMYS 127	Practicals: Illustration on construction of confidence intervals for proportions	Practicals: Illustration on construction of confidence intervals for proportions	EUM/2015/X D- 582/EMYS 864	Mrs. Shubha Rekha	Shreeharsha M Kulenur	

PAPER-9- SAMPLING TECHNIQUES

Sl. No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
144	II YEAR	P A P E R 9 - S A M P L I N G T E C H N I Q U E S		EMYS 58	Advantages of sampling Vis-à-vis complete enumeration	Advantages of sampling Vis-à-vis complete enumeration	EUM/2012/XD-323/EMYS 698	Mrs. Shubharekha	Shreeharsha M Kulenur	A
145	II YEAR			EMYS 47	Population	Population	EUM/2015/XD-623/EMYS 905	Mrs. Shubharekha	Shreeharsha M Kulenur	R
146	II YEAR			EMYS 38	Sample	Sample	EUM/2015/XD-586/EMYS 868	Mrs. Shubharekha	Shreeharsha M Kulenur	A
147	II YEAR			EMYS 50	Introduction to sampling techniques	Introduction to sampling techniques	EUM/2012/XD-334/EMYS 708	Mrs. Shubharekha	Shreeharsha M Kulenur	A
148	II YEAR			EMYS 77	Undertaking of sample surveys	Undertaking of sample surveys	EUM/2015/XD-643/EMYS 925	Mrs. Shubharekha	Shreeharsha M Kulenur	
149	II YEAR			EMYS 88	Non sampling errors	Non sampling errors	EUM/2015/XD-631/EMYS 913	Mrs. Shubharekha	Shreeharsha M Kulenur	
150	II YEAR			EMYS 41	Basic sampling designs	Basic sampling designs	EUM/2012/XD-326/EMYS 700	Mrs. Shubharekha	Shreeharsha M Kulenur	A
151	II YEAR			EMYS 34	Problems associated with sample survey	Problems associated with sample survey	EUM/2015/XD-585/EMYS 867	Mrs. Subharekha	Shreeharsha M Kulenur	R
152	II YEAR			EMYS 71	Methods of selecting simple Random sample	Methods of selecting simple Random sample	EUM/2012/XD-268/EMYS 697	Mrs. Subharekha	Shreeharsha M Kulenur	R
153	II YEAR			EMYS 40	Simple random sampling with and without replacement and properties	Simple random sampling with and without replacement and properties	EUM/2015/XD590 /EMYS 869	Mrs. Shubharekha	Shreeharsha M Kulenur	R

154	II YEAR
155	II YEAR
156	II YEAR
157	II YEAR
158	II YEAR
159	II YEAR
160	II YEAR
161	II YEAR
162	II YEAR
163	II YEAR
164	II YEAR

P
A
P
E
R

9
-
S
A
M
P
L
I
N
G

	EMYS 72	Estimation of Population Mean and Total	Estimation of Population Mean and Total	EUM/2012/XD-330/EMYS 704	Mrs. Shubharekha	Shreeharsha M Kulenur	A
	EMYS 60	Estimation of population Mean, total and Proportion	Estimation of population Mean, total and Proportion	EUM/2012/XD-328/EMYS 702	Mrs. Shubharekha	Shreeharsha M Kulenur	R
	EMYS 64	Standard error and estimation of standard error	Standard error and estimation of standard error	EUM/2015/XD-635/EMYS 917	Mrs. Shubharekha	Shreeharsha M Kulenur	R
	EMYS 65	Stratified random sampling with SRSWR and SRWOR	Stratified random sampling with SRSWR and SRWOR	EUM/2015/XD-640/EMYS 922	Mrs. Shubharekha	Shreeharsha M Kulenur	
	EMYS 55	Standard error of estimators and estimation of standard errors	Standard error of estimators and estimation of standard errors	EUM/2015/XD-638/EMYS 920	Mrs. Shubharekha	Shreeharsha M Kulenur	R
	EMYS 75	Practical difficulties in adopting Optimum Allocations	Practical difficulties in adopting Optimum Allocations	EUM/2015/XD-637/EMYS 919	Mrs. Shubharekha	Shreeharsha M Kulenur	R
	EMYS 76	Systematic sampling advantages and limitations	Systematic sampling advantages and limitations	EUM/2015/XD-642/EMYS 924	Mrs. Shubharekha	Shreeharsha M Kulenur	
	EMYS 95	Comparison of systematic sampling (N=nk) with SRSWOR	Comparison of systematic sampling (N=nk) with SRSWOR	EUM/2012/XD-326/EMYS 700	Mrs. Shubharekha	Shreeharsha M Kulenur	
	EMYS 97	Allocation, proportional Neyman and optimum allocation for fixed precession	Allocation, proportional Neyman and optimum allocation for fixed precession	EUM/2012/XD-323/EMYS 698	Mrs. Shubharekha	Shreeharsha M Kulenur	R
	EMYS 70	Comparision between stratified sampling and SRWOR in terms of precision and costs	Comparision between stratified sampling and SRWOR in terms of precision and costs	EUM/2012/XD-325/EMYS 709	Mrs. Shubharekha	Shreeharsha M Kulenur	
	EMYS 82	Estimation of the population mean and standard error of the estimator	Estimation of the population mean and standard error of the estimator	EUM/2012/XD-330/EMYS 704	Mrs. Shubharekha	Shreeharsha M Kulenur	

165	II YEAR	T E C H N I Q U E S		EMYS 87	Comparison of systematic sampling (N=nk) with stratified Random sampling	Comparison of systematic sampling (N=nk) with stratified Random sampling	EUM/2012/XD-326/EMYS 700	Mrs. Shubharekha	Shreeharsha M Kulenur	
166	II YEAR			EMYS 84	Acquaintance with working of NSSO and other agencies	Acquaintance with working of NSSO and other agencies	EUM/2012/XD-323/EMYS 698	Mrs. Shubharekha	Shreeharsha M Kulenur	
167	II YEAR			EMYS 78	Confidence limits for estimation of population mean, total and estimation of sample size	Confidence limits for estimation of population mean, total and estimation of sample size	EUM/2012/XD-327/EMYS 701	Mrs. Shubharekha	Shreeharsha M Kulenur	R
168	II YEAR			EMYS 36	Estimator	Estimator	EUM/2015/XD-595/EMYS 874	Mrs. Subharekha	Shreeharsha M Kulenur	R
169	II YEAR			EMYS 37	Estimate	Estimate	EUM/2015/XD-594/EMYS 873	Mrs. Subharekha	Shreeharsha M Kulenur	R
170	II YEAR			EMYS 42	Parameter	Parameter	EUM/2015/XD-586/EMYS 868	Mrs. Subharekha	Shreeharsha M Kulenur	A
PRACTICALS										
171	II YEAR	T P S E A A C P M H E P N R L I Q 9 N U - G E S		EMYS 80	Construction of SRSWR and SRSWOR	Construction of SRSWR and SRSWOR	EUM/2015/XD591/EMYS 870	Mrs. Subharekha	Shreeharsha M Kulenur	R
172	II YEAR			EMYS 74	Problems on SRS for variables and attributes	Problems on SRS for variables and attributes	Video to be sent	Mrs. Subharekha	Shreeharsha M Kulenur	R
173	II YEAR			EMYS 166	Practical – Stratified random sampling	Practical – Stratified random sampling	Video to be sent	Mrs. Shubharekha	Shreeharsha M Kulenur	R
174	II YEAR			EMYS 181	Practical – Systematic sample	Practical – Systematic sample	EUM/2015/XD-616/EMYS 899	Mrs. Shubharekha	Shreeharsha M Kulenur	

PAPER-10- TESTING OF HYPOTHESIS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
175	II YEAR	P A P E R 1 0 - T E S T I N G O F H Y P O T H E S I S		EMYS 195	Pearson's Chi-Square Test for Goodness of Fit	Pearson's Chi-Square Test for Goodness of Fit	EUM/2014/XD-385/EMYS 757	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
176	II YEAR			EMYS 218	Level of significance or size of the test	Level of significance or size of the test	EUM/2015/XD-610/EMYS 893	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
177	II YEAR			EMYS 219	Fisher's Z transformation and its uses	Fisher's Z transformation and its uses	EUM/2015/XD-580/EMYS 862	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
177	II YEAR			EMYS 221	Likelihood Rates Test Procedure (LRTP)	Likelihood Rates Test Procedure (LRTP)	EUM/2015/XD-574/EMYS 856	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
179	II YEAR			EMYS 226	LRTP for testing the mean and Variance of Univariate Normal Distribution	LRTP for testing the mean and Variance of Univariate Normal Distribution	EUM/2015/XD-576/EMYS 858	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
180	II YEAR			EMYS 232	LRTP for testing equality of two means of two univariate normal distributions	LRTP for testing equality of two means of two univariate normal distributions	EUM/2015/XD-578/EMYS 860	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
181	II YEAR			EMYS 238	Non-Parametric Inferential Statistics	Non-Parametric Inferential Statistics	EUM/2015/XD-528/EMYS 828	Bhat Satish Shankar	Shreeharsha M Kulenur	
182	II YEAR			EMYS 247	LRTP For Testing Equality of Two Variances of Two Univariate Normal Distributions	LRTP For Testing Equality of Two Variances of Two Univariate Normal Distributions	EUM/2014/XD-381/EMYS 753	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R

183	II YEAR
184	II YEAR
185	II YEAR
186	II YEAR
187	II YEAR
188	II YEAR
189	II YEAR
190	II YEAR
191	II YEAR

S
I
S

P
A
P
E
R

1
O
-
T
E
S
T
I
N

EMYS 245	Large Sample Test for Testing Single Proportion and Equality of Two Proportions	Large Sample Test for Testing Single Proportion and Equality of Two Proportions	EUM/2014/XD-382/EMYS 754	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
EMYS 260	Non Parametric Tests- Concept of NP tests	Non Parametric Tests- Concept of NP tests	EUM/2014/XD-453/EMYS 789	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
EMYS 261	One sample Sign Test	One sample Sign Test	EUM/2014/XD-453/EMYS 789	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
EMYS 263	Wilcoxon Signed Rank Test	Wilcoxon Signed Rank Test	EUM/2014/XD-454/EMYS 790	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
EMYS 262	Test for Independence of Two Attributes	Test for Independence of Two Attributes	EUM/2014/XD-454/EMYS 790	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
EMYS 264	Use Of CLT-Large Sample Test for Testing Single Mean and Equality of Two Means	Use Of CLT-Large Sample Test for Testing Single Mean and Equality of Two Means	EUM/2014/XD-454/EMYS 790	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
EMYS 148	Introduction – Statistical tests	Introduction – Statistical tests	EUM/2015/XD-584/EMYS 866	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
EMYS 183	Hypothesis – Null and Alternative, Simple and composite script	Hypothesis – Null and Alternative, Simple and composite script	EUM/2015/XD-613/EMYS 896	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R
EMYS 167	Power of the test	Power of the test	EUM/2015/XD-629/EMYS 911	Mrs. Shubha Rekha	Shreeharsha M Kulenur	

192	II YEAR	G O F H Y P O T H E S I S		EMYS 188	Types of Errors	Types of Errors	EUM/2015/XD-639/EMYS 921	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
193	II YEAR			EMYS 162	Critical region and critical function Resource	Critical region and critical function Resource	EUM/2015/XD-593/EMYS 872	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
194	II YEAR			EMYS 155	Randomized tests, non-randomized tests and P-values	Randomized tests, non-randomized tests and P-values	EUM/2015/XD-635/EMYS 917	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
195	II YEAR			EMYS 187	Neyman Pearson Lemma (Statement) – MP Test and UMP test	Neyman Pearson Lemma (Statement) – MP Test and UMP test	EUM/2015/XD-632/EMYS 914	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
196	II YEAR			EMYS 179	Applications of MP test and Best critical region	Applications of MP test and Best critical region	EUM/2015/XD-581/EMYS 863	Mrs. Shubha Rekha	Shreeharsha M Kulenur	
197	II YEAR			EMYS 164	Testing for Significance of correlation coefficient	Testing for Significance of correlation coefficient	EUM/2015/XD-578/EMYS 860	Mrs. Shubha Rekha	Shreeharsha M Kulenur	R

PAPER-11- DESIGN OF EXPERIMENTS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
198	II YEAR	P A P E R E - X 1 P 1 E - R I D M E E S N I T G S O F	1	EMYS 199	Randomized Block design	Randomized Block design	EUM/2015/XD-523/EMYS 802	Dr. R Vidya	Chandra Kumar	
199	II YEAR		2	EMYS 200	Missing Plot Technique	Missing Plot Technique	EUM/2015/XD-521/EMYS 800	Dr. R Vidya	Chandra Kumar	
200	II YEAR		3	EMYS 201	2 Cube Factorial Experiment	2 Cube Factorial Experiment	EUM/2015/XD-525/EMYS 804	Dr. R Vidya	Chandra Kumar	
201	II YEAR		4	EMYS 202	Basic concepts in Analysis of Variance techniques and One way ANOVA	Basic concepts in Analysis of Variance techniques and One way ANOVA	EUM/2015/XD-524/EMYS 803	Dr. R Vidya	Chandra Kumar	R
202	II YEAR		5	EMYS 203	Factorial experiment	Factorial experiment	EUM/2015/XD-525/EMYS 804	Dr. R Vidya	Chandra Kumar	
203	II YEAR		6	EMYS 207	2 square factorial experiment	2 square factorial experiment	EUM/2015/XD-521/EMYS 800	Dr. R Vidya	Chandra Kumar	
204	II YEAR		7	EMYS 213	Experimental Design (CRD)	Experimental Design (CRD)	EUM/2015//XD/523/EMYS 802	Dr. R Vidya	Chandra Kumar	
205	II YEAR		8	EMYS 212	Latin Square Design (LSD)	Latin Square Design (LSD)	EUM/2015/XD-526 EMYS 805	Dr. R Vidya	Chandra Kumar	
206	II YEAR		9	EMYS 215	Basic concepts in Analysis of Variance techniques and Two way ANOVA	Basic concepts in Analysis of Variance techniques and Two way ANOVA	EUM/2015/XD-521/EMYS 800	Dr. R Vidya	Chandra Kumar	

PAPER-12-ACTUARIAL STATISTICS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
207	II YEAR	PAPER-12-ACTUARIAL STATISTICS	1	EMYS 234	Actuarial Statistics-Introduction to Actuarial Statistics	Actuarial Statistics-Introduction to Actuarial Statistics	EUM/2015/XD-530/EMYS/830	Prof. TPM Pakkal	Shreeharsha M Kulenur	
208	II YEAR		2	EMYS 235	Actuarial Statistics, Models for individual claims & their sums	Actuarial Statistics, Models for individual claims & their sums	EUM/2015/XD-530/EMYS/830	Prof. TPM Pakkal	Shreeharsha M Kulenur	

PAPER-13-STATISTICAL QUALITY CONTROL

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
209	III YEAR	P A P E R 1 3 - S T A T I S T I C A L Q U A L I T Y C O N T R O L	1	EMYS 206	Reliability Measures	Reliability Measures	EUM/2015/XD-527 EMYS 806	Prof. Pakkala	Chandra Kumar	
210	III YEAR		2	EMYS 208	Attribute Control Charts	Attribute Control Charts	EUM/2015/XD-522/EMYS 801	Dr. R Vidya	Chandra Kumar	
211	III YEAR		3	EMYS 209	Basics of Acceptance Sampling Procedures	Basics of Acceptance Sampling Procedures	EUM/2015/XD-522/EMYS 801	Dr. R Vidya	Chandra Kumar	
212	III YEAR		4	EMYS 210	Construction of Control Charts	Construction of Control Charts	EUM/2015/XD-524/EMYS 803	Dr. R Vidya	Chandra Kumar	
213	III YEAR		5	EMYS 211	Basics of Statistical Quality Control	Basics of Statistical Quality Control	EUM/2015/XD-523/EMYS 802	Dr. R Vidya	Chandra Kumar	
214	III YEAR		6	EMYS 214	Sampling Plans by Attributes	Sampling Plans by Attributes	EUM/2015/XD-522/EMYS 801	Dr. R Vidya	Chandra Kumar	

PAPER-14-ECONOMETRICS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
215	III YEAR	PAPER-14-ECONOMETRICS	1	EMYS 205	Econometrics	Econometrics	EUM/2015/XD-526 EMYS 805	Prof. Ismail	Chandrakumar	
216	III YEAR		2	EMYS 204	Regression Model- problem of inference	Regression Model- problem of inference	EUM/2015/XD-527 EMYS 806	Prof. Ismail	Chandrakumar	

PAPER-15-OPERATION RESEARCH

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
217	III YEAR	P A P E R 1 5 - O P E R A T I O N R E S E A R		EMYS 168	Nature, scope and models in operations Research	Nature, scope and models in operations Research	EUM/2015/XD-623/EMYS 905	Priyadarshini R	Shreeharsha M Kulenur	
218	III YEAR			EMYS 145	Linear programming problems - Formulations	Linear programming problems - Formulations	EUM/2015/XD-594/EMYS 873	Priyadarshini R	Shreeharsha M Kulenur	R
219	III YEAR			EMYS 163	Solution by Graphical Method	Linear programming Solution by Graphical Method	EUM/2015/XD-632/EMYS 914	Priyadarshini R	Shreeharsha M Kulenur	
220	III YEAR			EMYS 150	Linear programming solution by Simplex algorithm method (without proof)	Linear programming solution by Simplex algorithm method (without proof)	EUM/2015/XD-631/EMYS 913	Priyadarshini R	Shreeharsha M Kulenur	R
221	III YEAR			EMYS 149	Linear programming solution by Charne's M-Technique (without proof)	Linear programming solution by Charne's M-Technique (without proof)	EUM/2015/XD-630/EMYS 912	Priyadarshini R	Shreeharsha M Kulenur	R
222	III YEAR			EMYS 191	Table Minimum Method, Vogel's Approximation Method and Stepping Stone Algorithm	Table Minimum Method, Vogel's Approximation Method and Stepping Stone Algorithm	EUM/2014/XD-384/EMYS 756	Priyadarshini R	Shreeharsha M Kulenur	
223	III YEAR			EMYS 192	Project Planning with PERT and CPM; Drawing of Project Network	Project Planning with PERT and CPM; Drawing of Project Network	EUM/2014/XD-383/EMYS 755	Priyadarshini R	Shreeharsha M Kulenur	
224	III YEAR			EMYS 193	Problems with Quantity Discount	Problems with Quantity Discount	EUM/2014/XD-385/EMYS 757	Priyadarshini R	Shreeharsha M Kulenur	R

225	III YEAR	N C H		EMYS 194	PERT	PERT	EUM/2014/XD-382/EMYS 754	Priyadarshini R	Shreeharsha M Kulenur	
226	III YEAR			EMYS 229	Transportation Problems & Initial solution by the north west corner rule	Transportation Problems & Initial solution by the north west corner rule	EUM/2015/XD-579/EMYS 861	Priyadarshini R	Shreeharsha M Kulenur	
227	III YEAR			EMYS 231	Degenerate Transportation Problem	Degenerate Transportation Problem	EUM/2015/XD-574/EMYS 856	Priyadarshini R	Shreeharsha M Kulenur	R
228	III YEAR			EMYS 190	U-V Method of solving transportation problem (without proof)	U-V Method of solving transportation problem (without proof)	EUM/2015/XD-579/EMYS 861	Priyadarshini R	Shreeharsha M Kulenur	R
229	III YEAR			EMYS 161	Assignment problem and Hungarian problem (without proof)	Assignment problem and Hungarian problem (without proof)	EUM/2015/XD-638/EMYS 920	Priyadarshini R	Shreeharsha M Kulenur	R
230	III YEAR			EMYS 175	Procurement (with and without shortages) proof under continuity assumptions only	Procurement (with and without shortages) proof under continuity assumptions only	EUM/2015/XD-576/EMYS 858	Priyadarshini R	Shreeharsha M Kulenur	R
231	III YEAR			EMYS 185	Economic Lot size models for the case of known uniform demand and instantaneous	Economic Lot size models for the case of known uniform demand and instantaneous	EUM/2015/XD-577/EMYS 859	Priyadarshini R	Shreeharsha M Kulenur	
232	III YEAR			EMYS 241	CPM	CPM	EUM/2014/XD-384/EMYS 756	Priyadarshini R	Shreeharsha M Kulenur	
233	III YEAR			EMYS 243	Critical Path Identification, Slack Time and Float	Critical Path Identification, Slack Time and Float	EUM/2014/XD-381/EMYS 753	Priyadarshini R	Shreeharsha M Kulenur	

234	III YEAR	A R C H		EMYS 244	Problems with Restrictions on Capital and Problems with Restriction on Space	Problems with Restrictions on Capital and Problems with Restriction on Space	EUM/2014/XD-383/EMYS 755	Priyadarshini R	Shreeharsha M Kulenur	
235	III YEAR			EMYS 246	Replacement Model for Items Which Deteriorate With Time	Replacement Model for Items Which Deteriorate With Time	EUM/2014/XD-383/EMYS 755	Priyadarshini R	Shreeharsha M Kulenur	R
236	III YEAR			EMYS 253	Inventory Models (Basic Concept)	Inventory Models (Basic Concept)	EUM/2015/XD-553/EMYS 833	Priyadarshini R	Shreeharsha M Kulenur	
237	III YEAR			EMYS 258	Calculation of probability of completing the project within a specified time	Calculation of probability of completing the project within a specified time	EUM/2014/XD-455/EMYS 791	Shubharekha	Shreeharsha M Kulenur	R
238	III YEAR			EMYS 269	Group Replacement of Items with Fail and Staffing Problem	Group Replacement of Items with Fail and Staffing Problem	EUM/2015/XD-553/EMYS 833	Priyadarshini R	Shreeharsha M Kulenur	R

PRACTICALS

239	III YEAR			EMYS 265	Problems-formulation-solution by graphical method, simplex algorithm, Charne's M technique	Problems-formulation-solution by graphical method, simplex algorithm, Charne's M technique	EUM/2015/XD-552/EMYS /832	Shubharekha	Shreeharsha M Kulenur	R
-----	----------	--	--	----------	--	--	---------------------------	-------------	-----------------------	---

PAPER-16- APPLIED STATISTICS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
240	III YEAR	P A P E R 1 6 - A P P L I E D S T A T I S T I C S		EMYS 180	Population projection using logistic curves	Population projection using logistic curves	EUM/2015/XD-634/EMYS 916	Priyadarshini R	Shreeharsha M Kulenur	R
241	III YEAR			EMYS 81	Index Numbers	Index Numbers	EUM/2012/XD-334/EMYS 708	Priyadarshini R	Shreeharsha M Kulenur	A
242	III YEAR			EMYS 86	Mathematical formulae for computation of Index numbers based on Airthmetric Mean	Mathematical formulae for computation of Index numbers based on Airthmetric Mean	EUM/2012/XD-333/EMYS 707	Priyadarshini R	Shreeharsha M Kulenur	R
243	III YEAR			EMYS 79	Lasperyer's Paasche's and Marshall Edgeworth's method of constructing index numbers	Lasperyer's Paasche's and Marshall Edgeworth's method of constructing index numbers	EUM/2012/XD-333/EMYS 707	Priyadarshini R	Shreeharsha M Kulenur	R
244	III YEAR			EMYS 91	Fishers ideal index number and weighted average price relative	Fishers ideal index number and weighted average price relative	EUM/2012/XD-328/EMYS 702	Priyadarshini R	Shreeharsha M Kulenur	
245	III YEAR			EMYS 177	Time Reversal, Factor Reversal and circular Test	Time Reversal, Factor Reversal and circular Test	EUM/2015/XD-641/EMYS 923	Priyadarshini R	Shreeharsha M Kulenur	R
246	III YEAR			EMYS 165	Time series analysis	Time series analysis	EUM/2015/XD-590/EMYS 869	Priyadarshini R	Shreeharsha M Kulenur	R
247	III YEAR			EMYS 108	Cost of living Index numbers	Cost of living Index numbers	EUM/2015/XD-618/EMYS 901	Mrs. Shubharekha	Shreeharsha M Kulenur	R
248	III YEAR			EMYS 153	Components of time series	Components of time series	EUM/2012/XD-327/EMYS 701	Priyadarshini R	Shreeharsha M Kulenur	

249	III YEAR	A P P L S T A T E		EMYS 160	Computation of the measurement of cyclical variation –part 1	Computation of the measurement of cyclical variation –part 1	EUM/2015/XD-610/EMYS 893	Priyadarshini R	Shreeharsha M Kulenur	R
250	III YEAR			EMYS 99	Special demographic surveys	Special demographic surveys	EUM/2015/XD-578/EMYS 860	Priyadarshini R	Shreeharsha M Kulenur	
251	III YEAR			EMYS 110	Fertility, Measurement of fertility-crude birth rate, age specific, general and total fertility rates	Fertility, Measurement of fertility-crude birth rate, age specific, general and total fertility rates	EUM/2015/XD-595/EMYS 874	Priyadarshini R	Shreeharsha M Kulenur	R
252	III YEAR			EMYS 103	Reproduction rate, gross reproduction rate net reproduction rate	Reproduction rate, gross reproduction rate net reproduction rate	EUM/2015/XD-628/EMYS 910	Priyadarshini R	Shreeharsha M Kulenur	R
253	III YEAR			EMYS 140	Measurement of mortality crude, specific and standardized death rates Infant mortality rate	Measurement of mortality crude, specific and standardized death rates Infant mortality rate	EUM/2015/XD-591/EMYS 870	Priyadarshini R	Shreeharsha M Kulenur	R
254	III YEAR			EMYS 171	Life Table – components of life table and uses of life table	Life Table – components of life table and uses of life table	EUM/2015/XD-598/EMYS 890	Priyadarshini R	Shreeharsha M Kulenur	R
255	III YEAR			EMYS 126	Construction of life table, abridged life table due to reel and Merrell	Construction of life table, abridged life table due to reel and Merrell	EUM/2015/XD-597/EMYS 889	Priyadarshini R	Shreeharsha M Kulenur	R
256	III YEAR			EMYS 143	Forces of Mortality and Expectation of Life Table	Forces of Mortality and Expectation of Life Table	EUM/2015/XD-613/EMYS 896	Priyadarshini R	Shreeharsha M Kulenur	R
257	III YEAR			EMYS 222	Population Growth-Growth & Rate of Growth of Population Based on Births, Deaths & cross Migration	Population Growth-Growth & Rate of Growth of Population Based on Births, Deaths & cross Migration	EUM/2015/XD-575/EMYS 857	Priyadarshini R	Shreeharsha M Kulenur	
258	III YEAR			EMYS 252	Contribution of Mahalanobis to the Development of Sample Survey Theory	Contribution of Mahalanobis to the Development of Sample Survey Theory	EUM/2015/XD-553/EMYS 833	Suguna Nayak	Shreeharsha M Kulenur	
259	III YEAR			EMYS 94	Methods of collection of official DATA, NSS, CSO	Methods of collection of official DATA, NSS, CSO	EUM/2015/XD-592/EMYS 871	Mrs. Priyadarshini	Shreeharsha M Kulenur	

260	III YEAR		EMYS 259	Institutional data collection and Limitations and uses of demographic studies	Institutional data collection and Limitations and uses of demographic studies	EUM/2014/XD-455/EMYS 791	Priyadarshini R	Shreeharsha M Kulenur	
261	III YEAR		EMYS 83	Indian applied statistical system	Indian applied statistical system	EUM/2012/XD-331/EMYS 705	Priyadarshini R	Shreeharsha M Kulenur	A
262	III YEAR		EMYS 158	Calculation of Fertility Rates, Mortality rates, life table, GRR, NRR	Calculation of Fertility Rates, Mortality rates, life table, GRR, NRR	EUM/2015/XD-598/EMYS 890	Priyadarshini R	Shreeharsha M Kulenur	R
263	III YEAR		EMYS 104	Demographic methods: Sources of demographic data – census registration	Demographic methods: Sources of demographic data – census registration	EUM/2015/XD-596/EMYS 888	Priyadarshini R	Shreeharsha M Kulenur	
264	III YEAR		EMYS 134	Measurement of cyclic variation	Measurement of cyclic variation	EUM/2015/XD-627/EMYS 909	Priyadarshini R	Shreeharsha M Kulenur	R
265	III YEAR		EMYS 101	Measurement of trend by the moving average method	Measurement of trend by the moving average method	EUM/2015/XD-625/EMYS 907	Priyadarshini R	Shreeharsha M Kulenur	R
266	III YEAR		EMYS 173	Measurement of seasonal variation by the method of Ration to trend	Measurement of seasonal variation by the method of Ration to trend	EUM/2015/XD-579/EMYS 861	Priyadarshini R	Shreeharsha M Kulenur	

PRACTICALS

267	III YEAR	P A P P E R I E N T I C S	EMYS 116	Computation of Index numbers using averages of relatives, aggregative methods and consistency tests	Computation of Index numbers using averages of relatives, aggregative methods and consistency tests	EUM/2015/XD-599/EMYS 891	Priyadarshini R	Shreeharsha M Kulenur	R
268	III YEAR		EMYS 178	Practicals on measurement of seasonal variation by the method of Ration to trend	Practicals on measurement of seasonal variation by the method of Ration to trend	EUM/2015/XD-634/EMYS 916	Priyadarshini R	Shreeharsha M Kulenur	R
269	III YEAR		EMYS 128	Practicals-Measurement of trend by the moving average method	Practicals-Measurement of trend by the moving average method	EUM/2015/XD-589/EMYS 868	Priyadarshini R	Shreeharsha M Kulenur	R