

S R M UNIVERSITY
Faculty of Science and Humanities
Department of Mathematics

Course : II B.Com.(GEN, ISM,AF & CS)

Staff in charge: J.Madhumitha, L.Sivakami , S.Lakshmi Priya , M.Ramachandran

SEMESTER	SUBJECT CODE	SUBJECT TITLE	L	T	P	C
III	UCM15304/UIS15304/UAF15304	BUSINESS STATISTICS I	4	0	0	4
OBJECTIVE		1. To provide a strong foundations in the principles of statistics. 2. To apply statistical techniques for business applications.				
S.NO	DATE	TOPIC	REFERENCE			
1	20.06.16 to 23.06.16	UNIT:I Introduction to Statistical methods. Scope, characteristics and limitations of Statistics.	CHAPTER 1			
2	24.06.16 to 28.06.16	Uses of Statistical Methods, Functions of statistics	CHAPTER 1			
3	29.06.16 to 30.06.16	Limitations of Statistical Methods.	CHAPTER 1			
4	01.07.16 to 05.07.16	UNIT:II Statistical enquiries – Introduction, Census and Sample enquiries.	CHAPTER 2			
5	06.07.16 to 08.07.16	Various Sampling methods, Importance of Data collection, Methods of collecting primary data.	CHAPTER 2			
6	11.07.16 to 13.07.16	Secondary data, Sources and procedure for use.	CHAPTER 2			
7	14.07.16 to 15.07.16	UNIT: III Measures of Central tendency: Arithmetic mean - for individual, discrete . Merits and demerits of Arithmetic mean.	CHAPTER 3			
8	18.07.16 to 20.07.16	Arithmetic mean - continuous series .	CHAPTER 3			
9	21.07.16 to 27.07.16	Median for individual, discrete and continuous series and its merits and demerits.	CHAPTER 3			
10	28.07.16 to 02.08.16	Mode for individual, discrete and continuous series and its merits and demerits.	CHAPTER 3			
11	03.08.16 to 05.08.16	Empirical relationship, Missing frequencies and correcting incorrect values.	CHAPTER3			
12	08.08.16 to 10.08.16	CYCLE TEST-1				
13	11.08.16 to 19.08.16	UNIT:IV Measures of dispersion: Introduction, Range for individual, discrete and continuous series and its merits and demerits.	CHAPTER 4			
14	22.08.16 to 26.08.16	Mean deviation for individual, discrete and continuous series and its merits and demerits.	CHAPTER 4			
15	29.08.16 to	Quartile deviation for individual, discrete and continuous series	CHAPTER 4			

	01.09.16	and its merits and demerits.	
16	02.09.16 to 06.09.16	Standard deviation for individual, discrete and continuous series and its merits and demerits.	CHAPTER 4
	07.09.16 to 09.09.16	Cycle test- 2	
17	12.09.16 to 16.09.16	Relative measures, Coefficient of variation, Testing consistency of statistical data.	CHAPTER 4
18	19.09.16 to 23.09.16	Measures of Skewness: Karl Pearson's coefficient of skewness, Bowley's coefficient of skewness.	CHAPTER 4
19	26.09.16 to 30.09.16	UNIT: V Basic Probability theory: Introduction, Random experiment, Mathematical and Axiomatic definition of probability.	CHAPTER 5
21	03.10.16 to 05.10.16	Various types of events, Simple problems based on it.	CHAPTER 5
22	06.10.16 to 07.10.16	Addition theorem of probability – Problems based on it.	CHAPTER 5
23	13.10.16 to 14.10.16	Multiplication theorem of probability – problems based on it.	CHAPTER 5

TEXT BOOK:

Pillai, R.S.N., Bagavathi, V. (2009), Statistics, Theory and Practice, 7th Edition, S.Chand Ltd., New Delhi.