KRANTIGURU SHYAMJI KRUSHNA VERMA KACHCHH UNIVERSITY												
FACULTY OF SOCIAL SCIENCE AND HUMANITIES (DOE)												
Programme			Bachelo	r of Ar	ts	s		Branch/Spec.		BA Statistics		
Semester			III (Thre	e)				Version/Pattern N		NEP 2020		
Effective from Aca			ademic Year		2023-24		Effective for the batch Admitted in		2	2025-26		
Subject Code			MDST - 301		Subject Name		BASICS OF STATISTICS					
Teaching scheme							Examination scheme (Marks)					
Per week I		Lectu	ecture (DT)		Practical (Lab.)		CE SEE		Total			
Cradi	4		TU	<u>P</u>	TW	1	Theory	50		50		100
Hour	l s	4 	-			4	Practical	30		50		100
Pre-requisites:											_	
The learners should have basic understanding of data with minimal prior statistical knowledge.												
Learning Outcome:												
*	• After	succe	essfully c	omplet	ting this cou	urse, the	e student w	vill have	e an	enough und	ersta	anding of
	samp	ole, po	pulation a	and Va	rious sampl	ing met	hods. Learn	ner will	hav	e basic know	ledg	ge of tool
	requires for analysing the probability and its distributions. Also students will be mentally well											
prepared to apply statistical reasoning and methodologies to relevant questions.												
Theor	ry Sylla	abus										
Unit	Content									Hours		
1	Sam	oling N	Aethods									15
		Mea	ning of Po	opulati	on and Samj	ple.						
	Population Inquiry and Sample Inquiry.											
	Need of Sampling and Size of a Sample.											
	Characteristics of a good Sample.											
	Methods for Sampling.											
		Sim	ple Examp	ples.								
2	Prob	ability	′ 1	1 D	· 1							15
	Introduction and Basic Terminology.											
		Ever Mot	homotical	Dofini	tion and I as	vofAd	dition					
	 Mathematical Definition and Law of Addition. Conditional Drobability and Law of Multiplication. 											
		Rela	ited Exam	inles	ity and Law	01 Iviui	upneauon.					
3	Bino	mial D	istributic	<u>pres.</u> n								15
		Intro	duction.	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
		Prop	perties and	l Uses.								
		Rela	ited Exam	ples.								
4	Poiss	on Dis	stribution	<u>-</u>								15
		Intro	oduction.									
		Prop	perties and	l Uses.								
		Rela	ited Exam	ples.								
Reference (APA Style)												
1	Busin	ess Sta	i tistics by	J. K. S	Sharma, Pear	rson Ind	ia Pvt Ltd,	Chennai	i.			
2	Statistical Methods by S. P. Gupta, Sultan Chand & Sons, New Delhi.											
3	Business Statistics by S. C. Gupta, Himalaya Publishing House, Mumbai.											
4	Programmed Statistics by B. L. Agarwal, New Age Int. Publishers, New Delhi.											
5	Comprehensive Statistical Methods by Arora's, S. Chand & Co. Ltd, New Delhi.											

MODE OF EVALUATION:

Evaluation will be divided in two parts.

- <u>Internal</u>: Internal Evaluation of 50 marks will be decided by the department of colleges or Institutes as per the instruction given by the University from time to time.
- <u>External</u>: Semester end Examination will be conducted by the University for 50 Marks.

The Demonstrative Structure of the University Question Paper is as follows.

Question No.	Question Type	Unit	Marks			
1	Short Questions: Attempt any 2 Questions out of 4	Ι	10			
	(5 marks for each)					
2	2 Short Questions: Attempt any 2 Questions out of 4					
	(5 marks for each)					
3	Short Questions: Attempt any 2 Questions out of 4	III	10			
	(5 marks for each)					
4	Short Questions: Attempt any 2 Questions out of 4	IV	10			
	(5 marks for each)					
	Either Objective Type Questions: Like MCQ, True False,					
	Fill in the blanks, Make matching, Definition,	Ι				
5	One-line answer etc. Attempt any 10 out of 12	to	10			
	(1 mark for each)	IV				
	Or Very Short Type Questions: Attempt any 5 out of 8					
	(2 mark for each)					
Total						

The above Question paper format is only for demonstration not exhaustive. An examiner may modify this, as and when required.