



DELHI COLLEGE OF TECHNOLOGY & MANAGEMENT(DCTM), PALWAL

INSTRUCTIONAL PLAN

RECORD NO.: QF/ACD/009
Revision No.: 00

Name of Faculty: Dr. Pawan Kumar Pachaury Management

Department:

Course Title: **BUSINESS STATISTICS**

Course Number: **BBA/GEN/206**

Semester/Section: Second Semester 2018

Session: Jan 2018 to Aug

Instruction Plan Details :

Lecture No.	Topics to be covered	References	Remarks		
Plan for course, to be covered before 1st sessional Exam					
UNIT I					
1, 2	Meaning, evolution, scope	Gupta, C.B., An Introduction to Statistical Methods			
3, 4, 5	limitations and applications				
6, 7.	data classification; tabulation and presentation: meaning, objectives and types of classification				
8, 9, 10.	formation of frequency distribution, role of tabulation, parts, types and construction of table				
11, 12, 13	significance, types and construction of diagrams and graphs.				
14, 15, 16	Revision				
UNIT II					
17, 18,19, 20	Measures of Central Tendency and Dispersion: Meaning and objectives of measures of central tendency, different measure viz. arithmetic mean, median, mode				
21, 22, 23	measure of variation viz. range, quartile deviation, mean				
Plan for course, to be covered before 2ND sessional Exam					
24	co-efficient of variation and skewness.				
25	deviation and standard deviation				

	UNIT III		
26, 27, 28	Correlation and Regression: Meaning of correlation, types of correlation – positive and negative correlation	Gupta, C.B., An Introduction to Statistical Methods	
29	simple, partial and multiple correlation, methods of studying correlation		
30, 31	scatter diagram, graphic and direct method; properties of correlation co-efficient, rank correlation		
32, 33	coefficient of determination, lines of regression, co-efficient of regression, standard error of estimate		
34, 35, 36	Association of attributes (up to three attributes)		
Plan for course, to be covered before 2ND sessional Exam			
	UNIT IV		
37,38,39 40, 41, 42	Index numbers and time series: Index number and their uses in business	Gupta, C.B., An Introduction to Statistical Methods	
40,41,42	construction of simple and weighed price, quantity and value index numbers; test for an ideal index number		
43, 44	components of time series viz. secular trend, cyclical, seasonal and irregular variations		
45, 46, 47	methods of estimating secular trend and seasonal indices; use of time series in business forecasting and its limitations, calculating growth rate in time series		
	CT 2		
48	Revision		
49	Revision		
50	Revision		
	Question Bank (Answers of Two Sessional exams)		

Signature of Faculty Member

HOD/Principal/Academic Coordinator

Date: