NBGSM College				
Lesson Plan November 2020- February 2021				
Name of Assistant Professor :	Charu Garg			
Class :	B.Com(Hons.)			
Semester:	1			
Subject:	An Introduction to statistics			
		Day	**Date**	**Topic**
Ist week	Sunday		01-Nov-20	
		1	02-Nov-20	Introduction of statistics
		2	03-Nov-20	Features of statistics
		3	04-Nov-20	Nature of statistics
		4	05-Nov-20	Functions and importance of statistics
		5	06-Nov-20	Limitation and distrust of statistics
		6	07-Nov-20	Meaning of collection of data
	Sunday		08-Nov-20	
2nd week		1	09-Nov-20	D/F between primary and secondary data
		2	10-Nov-20	Methods of collecting primary data
		3	11-Nov-20	Qualities of a good questionnaire
		4	12-Nov-20	Methods of collecting secondary data
		5	13-Nov-20	**DIWALI VACATIONS**
		6	14-Nov-20	
	Sunday		15-Nov-20	
3rd week		1	16-Nov-20	
		2	17-Nov-20	Precautions in use of secondary data
		3	18-Nov-20	Meaning of classification of data
		4	19-Nov-20	Meaning of classification of data
		5	20-Nov-20	Ways to classify numerical data
		6	21-Nov-20	Frequency distribution
	Sunday		22-Nov-20	
4th week		1	23-Nov-20	Kinds of continuous series

		2	24-Nov-20	Meaning of presentation of data
		3	25-Nov-20	D/f between classification and tabulation
		4	26-Nov-20	General rules for constructing a table
		5	27-Nov-20	Types of tables
		6	28-Nov-20	Diagrammatic presentation of data
	Sunday		29-Nov-20	
5th week		1	30-Nov-20	**Holiday**
		2	01-Dec-20	Types of diagrams
		3	02-Dec-20	Graphic presentation of data
		4	03-Dec-20	Time series graphs
		5	04-Dec-20	Frequency distribution graphs
		6	05-Dec-20	Stem and leaf display
	Sunday		06-Dec-20	
6th week		1	07-Dec-20	Meaning of central tendency
		2	08-Dec-20	Types of averages
		3	09-Dec-20	Practical of A.M in individual series
		4	10-Dec-20	Practical of A.M in discrete series
		5	11-Dec-20	Practical of A.M in continuous series
		6	12-Dec-20	Practical of A.M in continuous series
	Sunday		13-Dec-20	
7th week		1	14-Dec-20	Practical of inclusive class interval
		2	15-Dec-20	Calculation of missing frequency
		3	16-Dec-20	Combined A.M & its properties
		4	17-Dec-20	Calculation of Median
		5	18-Dec-20	Calculation of partition values
		6	19-Dec-20	Graphical location of partition values
	Sunday		20-Dec-20	
8th week		1	21-Dec-20	Calculation of mode
		2	22-Dec-20	Calculation of mode
		3	23-Dec-20	Calculation of geometric mean
		4	24-Dec-20	Calculation of Harmonic mean
		5	25-Dec-20	**HOLIDAY**

		6	26-Dec-20	Relationship B/w A.M, G.M& H.M
	Sunday		27-Dec-20	
9th week		1	28-Dec-20	Meaning of Dispersion
		2	29-Dec-20	Absolute and relative measure of dispersion
		3	30-Dec-20	Methods of measuring dispersion
		4	31-Dec-20	Practical problems on Range
		1	01-Jan-21	Practical problems on Inter-quartile range
		2	02-Jan-21	Practical of Mean Deviation
	Sunday		03-Jan-21	
10th week		1	04-Jan-21	Practical of Mean Deviation
		2	05-Jan-21	Practical of Standard Deviation
		3	06-Jan-21	Practical of Standard Deviation
		4	07-Jan-21	Calculation of coefficient of variation
		5	08-Jan-21	Lorenz curve
		6	09-Jan-21	Measures of Skewness
	Sunday		10-Jan-21	
11th week		1	11-Jan-21	Moments and measure of kurtosis
		2	12-Jan-21	Practical of moments and kurtosis
		3	13-Jan-21	Meaning of Index numbers
		4	14-Jan-21	Methods of constructing index number
		5	15-Jan-21	Practical of index numbers
		6	16-Jan-21	Practical problems of index numbers
	Sunday		17-Jan-21	
12th week		1	18-Jan-21	Test of adequacy of index number
		2	19-Jan-21	Problems in construction of index numbers
		3	20-Jan-21	Practical on specific problems
		4	21-Jan-21	Practical on specific problems
		5	22-Jan-21	Introduction of Probability
		6	23-Jan-21	Basic concepts of probability
	Sunday		24-Jan-21	
13th week		1	25-Jan-21	Importance of probability

		2	26-Jan-21	**HOLIDAY**
		3	27-Jan-21	Calculation of probability of an event
		4	28-Jan-21	Use of combinations in probabbility
		5	29-Jan-21	Theorems of Probability
		6	30-Jan-21	Addition theorem
	Sunday		31-Jan-21	
14th week			01-Feb-21	Practical of addition theorem
		1	02-Feb-21	Practical of addition theorem
		2	03-Feb-21	Multiplication theorem
		3	04-Feb-21	Practical of multiplication theorem
		4	05-Feb-21	Practical of multiplication theorem
		5	06-Feb-21	Conditional probability
	Sunday		07-Feb-21	
15th week		1	08-Feb-21	Practical of conditional probability
		2	09-Feb-21	Practical of conditional probability
		3	10-Feb-21	Bernoulli theorem
		4	11-Feb-21	Bernoulli theorem
		5	12-Feb-21	Practical on Bernoulli theorem
		6	13-Feb-21	Practical on Bernoulli theorem
	Sunday		14-Feb-21	
16th week		1	15-Feb-21	Practical on Bernoulli theorem
		2	16-Feb-21	**HOLIDAY**
		3	17-Feb-21	Mathematical Expectation
		4	18-Feb-21	Practical of Mathematical expectations
		5	19-Feb-21	Practical of Mathematical expectations
		6	20-Feb-21	Bayes theorem
	Sunday		21-Feb-21	
17th week		1	22-Feb-21	Proof of theorem
		2	23-Feb-21	Practical problems
		3	24-Feb-21	Practical problems
		4	25-Feb-21	Practical problems
		5	26-Feb-21	Revision
		6	27-Feb-21	Revision
	Sunday		28-Feb-21	

		Day	Date	Topic
Name of Assistant Professor :			Charu Garg	
Class :			BBA	
Semester:			5TH	
Subject:			Company Law	
		Day	**Date**	**Topic**
Ist week	Sunday		01-Nov-20	
		1	02-Nov-20	Historical Development
		2	03-Nov-20	Indian Companies Act, 1956
		3	04-Nov-20	Amendments
		4	05-Nov-20	Company : Meaning, Characteristics and Nature
		5	06-Nov-20	Lifting the Corporate Veil
		6	07-Nov-20	Exceptions of Principle
	Sunday		08-Nov-20	
2nd week		1	09-Nov-20	Types of Companies: Introduction
		2	10-Nov-20	Classification on the Basis of Incorporation
		3	11-Nov-20	Classification on the Basis of Liability
		4	12-Nov-20	Other Basis of classifications of a company
		5	13-Nov-20	**DIWALI VACATIONS**
		6	14-Nov-20	
	Sunday		15-Nov-20	
3rd week		1	16-Nov-20	
		2	17-Nov-20	Formation of a Company
		3	18-Nov-20	Promotion of a Company
		4	19-Nov-20	Promoters
		5	20-Nov-20	Registeration of the company
		6	21-Nov-20	Capital Subscription
	Sunday		22-Nov-20	
4th week		1	23-Nov-20	Commencement of Business
		2	24-Nov-20	Memorandum of Association
		3	25-Nov-20	Memorandum of Association
		4	26-Nov-20	Subject matter of MOA
		5	27-Nov-20	Alteration of MOA
		6	28-Nov-20	Articles of Association (AOA)
	Sunday		29-Nov-20	
5th week		1	30-Nov-20	**Holiday**

		2	01-Dec-20	Contents of Articles of Association
		3	02-Dec-20	Nature and Characteristics
		4	03-Dec-20	Contents of Articles of Association
		5	04-Dec-20	Alteration of Articles of Association
		6	05-Dec-20	Doctrine of Constructive Notice
	Sunday		06-Dec-20	
6th week		1	07-Dec-20	Doctrine of Indoor Management
		2	08-Dec-20	Difference between MOA & AOA
		3	09-Dec-20	Prospectus : Nature & need
		4	10-Dec-20	Types of Prospectus
		5	11-Dec-20	Forms and Contents of a Prospectus
		6	12-Dec-20	Golden Rule in Prospectus
	Sunday		13-Dec-20	
7th week		1	14-Dec-20	Scanning of the Prospectus
		2	15-Dec-20	Shares: -; Types of shares
		3	16-Dec-20	Share & Stock
		4	17-Dec-20	Allotment of Shares
		5	18-Dec-20	Bonus shares
		6	19-Dec-20	share certificate
	Sunday		20-Dec-20	
8th week		1	21-Dec-20	share warrant
		2	22-Dec-20	Transfer of shares
		3	23-Dec-20	Transmission of shares
		4	24-Dec-20	Calls on shares
		5	25-Dec-20	**HOLIDAY**
		6	26-Dec-20	Surrender and Lien
	Sunday		27-Dec-20	
9th week		1	28-Dec-20	Forfeiture of shares
		2	29-Dec-20	Alteration of share capital
		3	30-Dec-20	Reduction of share capital
		4	31-Dec-20	Buy-back of shares
		5	01-Jan-21	Buy-back of shares
		6	02-Jan-21	Buy-back of shares
	Sunday		03-Jan-21	
10th week		1	04-Jan-21	Debentures : Meaning
		2	05-Jan-21	Types of debentures

		3	06-Jan-21	Types of debentures
		4	07-Jan-21	Debentures trust deed
		5	08-Jan-21	Debentures trust deed
		6	09-Jan-21	Rights & Duties of trustee
	Sunday		10-Jan-21	
11th week		1	11-Jan-21	Company Administration
		2	12-Jan-21	Company Administration
		3	13-Jan-21	Appointment and removal
		4	14-Jan-21	Qualification of Directors
		5	15-Jan-21	Types of Directors
		6	16-Jan-21	Board of Directors
	Sunday		17-Jan-21	
12th week		1	18-Jan-21	Board of Directors
		2	19-Jan-21	Directors: - Duties, Powers
		3	20-Jan-21	Directors: - Liabilities
		4	21-Jan-21	Remuneration of the directors
		5	22-Jan-21	Meeting of Company
		6	23-Jan-21	Meeting of Company
	Sunday		24-Jan-21	
13th week		1	25-Jan-21	Meaning and Definitions
		2	26-Jan-21	**HOLIDAY**
		3	27-Jan-21	Essentials of valid meeting
		4	28-Jan-21	Annual general meeting
		5	29-Jan-21	Annual general meeting
		6	30-Jan-21	Extra-ordinary general meeting
	Sunday		31-Jan-21	
14th week			01-Feb-21	Extra-ordinary general meeting
		1	02-Feb-21	Meetings of Shareholders
		2	03-Feb-21	Meetings of Shareholders
		3	04-Feb-21	Rules and Regulations
		4	05-Feb-21	Meetings of board of directors
		5	06-Feb-21	Procedures to be followed
	Sunday		07-Feb-21	
15th week		1	08-Feb-21	Meaning of oppression
		2	09-Feb-21	Meaning of Mismanagement
		3	10-Feb-21	Prevention
		4	11-Feb-21	Prevention
		5	12-Feb-21	Winding up of the Company
		6	13-Feb-21	Modes of winding up
	Sunday		14-Feb-21	
16th week		1	15-Feb-21	Modes of winding up

		2	16-Feb-21	**HOLIDAY**
		3	17-Feb-21	Procedure of winding up
		4	18-Feb-21	Procedure of winding up
		5	19-Feb-21	Procedure of winding up
		6	20-Feb-21	Status after winding up
	Sunday		21-Feb-21	
17th week		1	22-Feb-21	Types of voluntary winding up
		2	23-Feb-21	Types of voluntary winding up
		3	24-Feb-21	Types of voluntary winding up
		4	25-Feb-21	consequences of voluntary winding up
		5	26-Feb-21	Appointment of Liquidator
		6	27-Feb-21	Appointment of Liquidator
	Sunday		28-Feb-21	

Name of assistant Professor :			**Charu Garg**	
Class :			**M.Com**	
Semester:			**1**	
Subject:			**Statistical Analysis**	
Lecture			**Topic**	
1			Introduction of correlation analysis	
2			Partial correlation analysis	
3			Practical problems	
4			Multiple correlation analysis	
5			Practical problems	
6			Introduction of Regression analysis	
7			Multiple Regression analysis	
8			Practical problems	
9			Practical problems	
10			Observed frequency distribution	
11			Observed frequency distribution	
12			Observed frequency distribution	
13			Practical problems	
14			Theoretical frequency distribution	
15			Uses of theoretical frequency distribution	
16			Types of Probability distributions	
17			Binomial distribution & its assumptions	
18			Properties of binomial distribution	
19			Practical problems	
20			Practical problems	
21			Constants of Binomial distribution	
22			Practical problems	

23	Fitting of Binomial distribution
24	Practical problems
25	Meaning of Poisson distribution
26	Properties of Poisson distribution
27	Practical problems
28	Fitting of Poisson distribution
29	Practical problems
30	Introduction of Hypothesis testing
31	Concepts of Hypothesis testing
32	Large- sample test
33	Test of hypothesis about population mean
34	Test about d/f between two mean
35	Test about d/f between two S.Ds
36	Test about population proportion
37	Test about d/f between two proportions
38	Small sample test
39	Students T-test
40	Practical problems
41	Fisher's Z -transformation Test
42	Practical problems
43	F-Test
44	Practical problems
45	Introduction of analysis of variance
46	Assumption of ANOVA
47	Techniques of ANOVA
48	Practical of one way classification
49	Practical of one way classification
50	Practical of two way classification
51	Practical of F-Test
52	Practical of F-Test
53	Meaning of non-parametric Test
54	Practical of Sign-Test
55	Practical of Sign-Test
56	Practical of Wilcoxon Sign rank Test
57	Practical of Wilcoxon Sign rank Test
58	Practical of Wilcoxon Sign rank Test
59	Practical of Kruskal wallis-H Test
60	Practical of Kruskal wallis-H Test
61	Practical of Mann whitney -U Test
62	Median Test
63	Run Test
64	Practical problems
65	Practical problems
66	Meaning of Association of attributes
67	Types of association of attributes
68	Practical Problem
69	Criteria of Independence

70	Consistency of data
71	Practical of consistency of data
72	Methods of association of attributes
73	Practical of frequency method
74	Practical of Proportion method
75	Yule's method of association
76	Consistency of data in three attributes
77	Meaning of Chi-square Test
78	Conditions for application of Chi-square test
79	Chi-square test as non-parametric test
80	Practical problem
81	Practical problem
82	Chi- square Test as goodness of fit
83	Practical problem
84	Uses of Chi-square test
85	Additive property of Chi-square test
86	Additive property of Chi-square test
87	Misuse of Chi-square test
88	Limitations of Chi-square test
89	Practical problem
90	Practical Problem

Name of Assistant Professor :	**Charu Garg**
Class :	**M.A Eco**
Semester:	**1st**
Subject:	**Statistical methods-1**

Lecture	Topic
1	Meaning of Presentation of data
2	Diagrammatic presentation of data
3	Types of diagrams
4	Graphical presentation of data
5	Utility of graphic presentation
6	Time series graphs
7	Frequency distribution graphs
8	Practical problems
9	Practical problems
10	Meaning of central tendency
11	Meaning of central tendency
12	Meaning of central tendency
13	Types of averages
14	Types of averages
15	Practical of A.M in individual series
16	Practical of A.M in discrete series

17	Practical of A.M in continuous series
18	Practical of A.M in continuous series
19	Practical of inclusive class intervals
20	Calculation of missing frequency
21	Combined A.M and its properties
22	Calculation of median
23	Calculation of partition values
24	Practical of partition values
25	Practical of partition values
26	Practical of partition values
27	Graphical location of partition values
28	Calculation of mode
29	Calculation of mode by grouping method
30	Calculation of mode by grouping method
31	Bi-Model series
32	Calculation of Geometric mean
33	Practical of Geometric mean
34	Calculation of harmonic mean
35	Relationship between A.M, G.M & H.M
36	Meaning of dispersion
37	Absolute & relative measure of dispersion
38	Methods of measuring dispersion
39	Practical problems on range
40	Practical problems on inter-quartile range
41	Practical problems on mean deviation
42	Practical problems on mean deviation
43	Practical problems on S.D
44	Relation b/w various measures of dispersion
45	Relation b/w various measures of dispersion
46	Calculation of coefficient of variation
47	Lorenz curve
48	Measures of skewness
49	Practical problems on skewness
50	Measures of kurtosis
51	Measures of kurtosis
52	Measures of kurtosis
53	Practical of kurtosis
54	Practical of kurtosis
55	Meaning of Index numbers
56	Methods of constructing index number
57	Laspeyres & Pasche's method
58	Fisher's ideal index number
59	Test of adequacy
60	Time reversal & factor reversal test
61	Practical problems
62	Circular test
63	Problems in constructing index number

64	Chain based & fixed based index number
65	Base shifting & spicing
66	Deflation & consumer price index
67	Introduction of Time series
68	Components of time series
69	Components of time series
70	Methods of measuring trend
71	Problems on semi-average
72	Problems on semi-average
73	Problems on semi-average
74	Elimination of trend
75	Practical problems of Least -square method
76	Fitting of Straight line trend
77	Fitting of Straight line trend
78	Fitting of Straight line trend
79	Fitting of exponential trend
80	Methods of measuring seasonal variations
81	Elimination of seasonal variations
82	Meaning of random experiment
83	Random variable
84	Sample space & events
85	Principles of counting
86	Classical & relative approaches
87	Probability
88	Addition & multiplication theorem
89	Conditional probability
90	Bayes theorem