LESSON PLAN
CORE
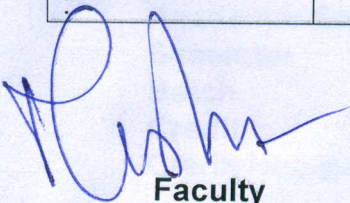
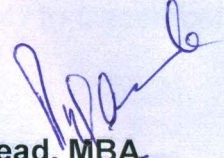|		
Subject	:	Statistics & Decision Sciences
Name of the Faculty	:	Dr.Manoranjan Mishra
Academic Session	:	2016-17
Semester	:	1st Semester (July to December, 2016)
Batch	:	MBA 2016-17
Credit	:	4
Credit Hours	:	40

Sl.No.	Topic	Lecture sessions required
1	Measures of Central tendency, mean, median mode	1
2	Standard Deviation, Q,D, M.D. Range	1
3	Moment, measures of skewness	1
4	Kurtosis' correlation	1
5	Correlation of coefficient p.t., rank correlation	1
6	Regression Analysis, Calculation of regression coefficient	1
7	Time series Model moving average method	1
8	Least square method	1
9	Probability, Definition	1
10	Rule of Addition	1
11	Rule of multiplication compound and conditional probability	1
12	Bayes' theorem	1
13	Binomial Distribution	1
14	Poisson Distribution	1

15	Normal Distribution	1
16	Normal Distribution	1
17	Linear programming graphical method	1
18	Simplex method (minimization)	1
19	Simplex method (maximization)	1
20	Assignment Models	1
21	Hungarian Method (maximization problem)	1
22	Restricted and multiple assignment problem	1
23	Transportation model (Balanced)	1
24	Unbalanced, minimization, B.F.S	1
25	Maximization problem, NWCM, LCM, VAM	1
26	Optimal solution using MODI	1
27	Owning Model	1
28	Owning Model	1
29	Markov Analysis	1
30	Markov Analysis	1
31	Simulation	1
32	Simulation	1
33	Decision Theory	1
34	Decision making under risk and uncertainty	1
35	Game theory	1
36	2-persons zero sum game (pure strategy)	1
37	2-persons zero sum game (mixed strategy)	1
38	Problems analysis	1
39	Assignment	1
40	Problems analysis	1

Books	Book Name & Author	Publisher
Text Book :		
Reference Book :		

Faculty

Head, MBA

Principal

Sl.No				
1	Measures of Central tendency			
2				
3	Moment measure of skewness			
4	Kurtosis correlation			
5	Correlation of coefficient			
6	Regression Analysis			
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9	Probability, Definition			
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11		conditional probability			
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13				
14				